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Technical Info

Cell Line	Description	Reference
10T1/2	mouse embryonic fibroblast	H. Fung, et al., Mol. Cell. Biol., 27, 8834 (2007)
16HBE-T	human bronchial epithelial cell, malignant transformed	Y. Jiang, et al., Toxicol. Sci., 119, 50 (2011)
2008/C13*5.25	human ovarian cancer cell	J. Song, et al., Clin. Cancer Res., 13, 6842 (2007)
293T	human kidney carcinoma	H. Fuda, et al., J. Lipid Res., 48, 1343 (2007)
293T	human kidney carcinoma	B. Zhou, et al., J. Virol., 82, 6962 (2008)
3T3-L1	mouse embryonic fibroblast	D. Huang, et al., FASEB J., 19, 2014 (2005)
3T3-L1	mouse embryonic fibroblast	T. Shimada, et al., Am. J. Physiol. Endocrinol. Metab., 296, E721 (2009)
3T3-L1	mouse embryonic fibroblast	Tsuyoshi Shimada, et al., Am J Physiol Endocrinol Metab, 296, E721 (2009)
3T3-L1	mouse embryonic fibroblast	J. Lee, et al., J Biol Chem, 285, 32647 (2010)
3Y1	rat fibroblastic cell	N. Itano, et al., PNAS, 99, 3609 (2002)
786-0	renal carcinoma cell	Y. Zhong, et al., Carcinogenesis, 30, 158 (2009)
8505c	human anaplastic thyroid carcinoma	H. Otori, et al., Mol. Cancer Ther., 5, 2563 (2006)
A2780	human ovarian cancer cell	J. Song, et al., Clin. Cancer Res., 13, 6842 (2007)
A2780cis	human ovarian cancer cell	J. Song, et al., Clin. Cancer Res., 13, 6842 (2007)
A431	human epithelial carcinoma cell	H. Otori, et al., Mol. Cancer Ther., 5, 2563 (2006)
A431/K5	human epidermoid carcinoma	Y. Zhang, et al., Clin. Cancer Res., 12, 4695 (2006)
A431/K5	human epidermoid carcinoma	R. Hassan, et al., Clin. Cancer Res., 13, 7166 (2007)
A549	human lung cancer cell	T. Shiozaki, et al., J. Gen. Virol., 92, 315 (2011)
A549	human lung cancer cell	S. Semba, et al., J. Biol. Chem., 281, 28244 (2006)
A549	human lung cancer cell	C. A. Reilly, et al., Toxicol. Sci., 73, 170 (2003)
A549	human lung cancer cell	J. Stankova, et al., Clin. Cancer Res., 11, 2047 (2005)
A549	human lung cancer cell	H. Ishibashi, et al., Cancer Res., 65, 6450 (2005)
A549	human lung cancer cell	I. Imoto, et al., Cancer Res., 66, 4617 (2006)
A549	human lung cancer cell	T. Kitamuro, et al., J. Biol. Chem., 278, 9125 (2003)
A549	human lung cancer cell	E. Kawata, et al., Mol. Cancer Ther., 7, 2904 (2008)
A549	human lung cancer cell	J. Yin, et al., Mol. Pharmacol., 74, 1132 (2008)
A549	Human lung cancer cell	J. Xu, et al., Carcinogenesis. 31, 927-935 (2010)
A549	Human lung cancer cell	M. Nguyen, et al., Cancer Res., 70, 5337-5347 (2010)
A549	Human lung cancer cell	Y.Miki, et al., Cancer Res., 70, 6659-6669(2010)
A549	Human lung cancer cell	Y. Li, et al., Toxicological Sciences, 116, 1, 174-182(2010)
A6	kidney epithelial cells	K. Tamura, et al. Blood. 115. 850-859 (2010)
ACHN	human renal adenocarcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)
ACHN	human renal adenocarcinoma	H. Otori, et al., Mol. Cancer Ther., 5, 2563 (2006)
AGS	human gastric cancer cell	Y. Hayakawa, et al., PNAS, 108, 780 (2011)



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AGS	gastric epithelial cell	Z. Dubeykovskaya, et al., J. Biol. Chem., 284, 3650 (2009)
AGS	human gastric cancer cell	Q. Yang, et al., Carcinogenesis, 32, 713 (2011)
AGS	Gastric cancer cell	Siyuan Zhang, et al., Mol Cancer Res, 7, 570 (2009)
Alexander	pancreatic cancer cell	S. Awale, et al., Cancer Res., 66, 1751 (2006)
ALVA-101	human prostate cancer cell	T. Kawakubo, et al., Cancer Res., 67, 10869 (2007)
ALVA-41	human prostate cancer cell	T. Kawakubo, et al., Cancer Res., 67, 10869 (2007)
AMO1	multiple myeloma	J. Inoue, et al., Am. J. Pathol., 165, 71 (2004)
APL-NB4	acute promyelocytic leukemia cell	M. A. S. Khan, et al., PNAS, 101, 11560 (2004)
APRE19	human retinal pigment epithelium	E. F. Moreira, et al., Invest. Ophthalmol. Vis. Sci., 50, 523 (2009)
AR42J	Pancreatic acinar cell	R. Szmola, et al., Pancreas. 59, 365-372 (2010)
AR42J	pancreatic tumor cell	C. Bose, et al., Am. J. Physiol. Gastrointest. Liver Physiol., 289, G926 (2005)
ARO	human anaplastic thyroid carcinoma	Z. Meng, et al., Endocrinology, 149, 5357 (2008)
ARO	human anaplastic thyroid carcinoma	F. Furuya, et al., Endocrinology, 145, 2865 (2004)
ARPE-19	spontaneously arising retinal pigment epithelia cell	I. Larrayoz, et al., Inv.Ophthalmology & Visual Science, 51(10), 4942-4955(2010)
ASC	adipose-derived stem cell	Yuka Ikegame, et al., Cytotherapy, 1-11(2011) online only
AsPC-1	pancreatic cancer cell	T. Mori, et al., Mol. Cancer Ther., 3, 29 (2004)
AsPC-1	pancreatic cancer cell	S. Awale, et al., Cancer Res., 66, 1751 (2006)
ASTC-a-1	Human Lung Adenocarcinoma cell	M. Yu, et al., Experimental Biology and Medicine, 235, 1053-1061 (2010)
ASTC-a-1	Human Lung Adenocarcinoma cell	Yingjie Zhang, et al., Molecular Biology of the Cell, 20, 3077 (2009)
ATN-1	T-cell	T. Hisatomi, et al., Blood, 117, 3575 (2011)
B16F1	murine malignant melanoma	S. Shibata, et al., J. Immunol., 177, 3564 (2006)
B16F10	murine malignant melanoma	S. Shibata, et al., J. Immunol., 177, 3564 (2006)
Ba/F3	Lymphoid cell	Wenhai Liu, et al., J. Biochem., 145, 575 (2009)
Balb3T3	mouse embryonic cell	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
BBMVEC	bovine brain microvascular endothelial	T. Kitamuro, et al., J. Biol. Chem., 278, 9125 (2003)
BE(2)-C	human neuroblastoma	J. Qiao, et al., PNAS, 105, 12891 (2008)
BEAS-2B	human bronchial epithelial cell	K. C. Thomas, et al., J. Pharmacol. Exp. Ther., 337, 400 (2011)
BEAS-2B	human bronchial epithelial cell	C. A. Reilly, et al., Toxicol. Sci., 73, 170 (2003)
BEAS-2B	human bronchial epithelial cell	M. E. Johansen, et al., Toxicol. Sci., 89, 278 (2006)
BEAS-2B	human bronchial epithelial cell	G. Murphy, Jr., et al., Am. J. Respir. Cell Mol. Biol., 38, 532 (2008)
BEAS-2B	human bronchial epithelial cell	K. C. Thomas, et al., J. Pharmacol. Exp. Ther., 321, 830 (2007)



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BEAS-2B	human bronchial epithelial cell	ER stress, et al., The J. of pharm. and Exp. Therap., 337, 400-410 (2011)
BEL7404	human hepatoma cell	X. Liang, et al., Mol. Cancer Res., 6, 1499 (2008)
BGC-823	human gastric cancer cell	Q. Yang, et al., Carcinogenesis, 32, 713 (2011)
BHP15-3	human papillary thyroid carcinoma	H. Shimura, et al., Cancer res., 61, 3640 (2001)
BHP18-21v	human papillary thyroid carcinoma	H. Shimura, et al., Cancer res., 61, 3640 (2001)
BHP18-21v	human papillary thyroid carcinoma	F. Furuya, et al., Endocrinology, 145, 2865 (2004)
BHP7-13	human papillary thyroid carcinoma	H. Shimura, et al., Cancer res., 61, 3640 (2001)
BMM	bone marrow macrophage	H. J. Kim, et al., Mol. Pharmacol., 72, 418 (2007)
BMMSC	bone marrow mesenchymal stem cell	M. Miura, et al., Stem Cells, 24, 1095 (2006)
BMSC	BM(bone marrow)-derived stem cell	Yuka Ikegame, et al., Cytotherapy, 1-11(2011)
bone marrows	mouse	S. J. Priceman, et al., Blood, 115, 1461 (2010)
BPH-1	human benign prostatic hyperplasia cell	F. An, et al., Mol. Cancer Ther., 7, 569 (2008)
brain endothelials	mouse	D. Zhu, et al., Blood, 115, 4963 (2010)
breast cancer	from stage IV breast cancer patient	E. I. Chen, et al., Cancer Res., 67, 1472 (2007)
BT-474	human breast cancer cell	D. Iliopoulos, et al., Clin. Cancer Res., 13, 268 (2007)
BxPC-3	pancreatic cancer cell	S. Awale, et al., Cancer Res., 66, 1751 (2006)
C2C12	mouse myoblast cell	J. Sakamaki, et al., PNAS, 108, 6085 (2011)
C2C12	mouse myoblast cell	W. Yoon, et al., J. Biol. Chem., 283, 32751 (2008)
C3	Rat mammary cancer cell	J. Xu, et al., Carcinogenesis, 31, 927-935 (2010)
C33A	human cervical carcinoma	W. Yang, et al., Mol. Cancer Ther., 5, 1610 (2006)
C6	rat glioblastoma cell	M. Zhao, et al., Anticancer Res., 30, 2217-2224 (2010)
C6	rat glioblastoma cell	Wen Jing Lu, et al., Int. J. Cancer, 128, 343-351(2011)
C8161.9	human melanoma cell	A. A. Dar, et al., J. Biol. Chem., 286, 16606 (2011)
C8166	T-cell	T. Kasai, et al., J. Biol. Chem., 277, 5187 (2002)
C8166-45	T-cell	J. Peloponese, Jr., et al., J. Virol., 83, 3238 (2009)
CA46	human burkitt lymphoma	J. E. Weldon, et al., Blood, 113, 3792 (2009)
Ca9-22	human gingival epithelial cell	N. Ebe, et al., J. Dent. Res., 90, 235 (2011)
Caco-2	human caucasian colon adeno-carcinoma	T. Suzuki, et al., J. Nutr., 141, 87 (2011)
Caco-2 cel	Human intestinal cell	Takuya Suzuki, et al., J. Nutr., 139, 965 (2009)
Caki-1	renal carcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)
Caki-2	renal carcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)



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Caov-3	human serous ovarian cancer cell	H. Yoshida, et al., Anticancer Res., 31, 1271 (2011)
cardiomyocyte	rat	H. Y. Fu, et al., Cardiovasc. Res., 79, 600 (2008)
cardiomyocyte	rat	E. E. Hamm, et al., PNAS, 103, 14176 (2006)
cardiomyocyte	rat	K. Shintani-Ishida, et al., Am. J. Physiol. Heart Circ. Physiol., 293, H1714 (2007)
CDC	cardiac-derived stem cell	J. Terrovitis, et al., J. AM. Coll. Cardiol. 54, 1619-1626 (2010)
CDC	cardiac-derived stem cell	J. Terrovitis, et al., Circulation, 117, 1555 (2008)
cerebellar granule neuron	rat	X. Wang, et al., J. Biol. Chem., 280, 16705 (2005)
CGC	rat goblet cell	J. D. Rios, et al., Invest. Ophthalmol. Vis. Sci., 48, 1543 (2007)
CHO	chinese hamster ovary cell	A. Kunita, et al., Am. J. Pathol., 170, 1337 (2007)
CHO	chinese hamster ovary cell	S. Yokoe, et al., Cancer Res., 67, 1935 (2007)
chondrocyte	from human cartilage tissue	T. Sato, et al., Ann. Rheum. Dis., 70, 221 (2011)
chondrocyte, primary	from mouse embryo	Y. Shinoda, et al., J. Biol. Chem., 283, 24682 (2008)
CLL	lymphocytic leukemia	John E. Weldon, et al., Blood, 113, 3792 (2009)
CLL	B-cell chronic lymphocytic leukemia	V. El-Khoory, et al., Mol. Cancer. Ther. 9, 1349-1360 (2010)
CMECs	mouse myocardial microvascular endothelial cell	Jiming Li, et al., Int.J.Mol.Sci., 12, 1306-1315(2011)
CNE2 and T-47Ds	Tumor cell	Yu Wang, et al., Cancer Res, 69, 5194 (2009)
COLO 205	Human Caucasian colon adenocarcinoma	Y. V. Kovtun, et al., Cancer Res, 70, 2528 (2010)
Colo320DM	human colon cancer cell	M. Koyama, et al., Mol. Cancer Ther., 6, 1579 (2007)
COR-L23/P	human large-cell lung tumor cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
cortical neuron	mouse	Y. Wang, et al., Stroke, 40, 1864 (2009)
cortical neurons	mouse	Y. Wang, et al., Stroke, 40, 1864 (2009)
COS-7	African green monkey kidney cell	H. Bando, et al., Clin. Cancer Res., 11, 5784 (2005)
COS-7	African green monkey kidney cell	T. Kitamuro, et al., J. Biol. Chem., 278, 9125 (2003)
COS-7	Kidney cell	N. Sato, et al., Clin. Cancer. Res. 16, 226-239 (2010)
COS-7	African green monkey kidney cell	Tsuyoshi Kimura, et al., Journal of Drug Delivery, DOI 10.1155/2011/962743
CV-1	African green monkey kidney cell	R. Fukuda, et al., J. Biol. Chem., 284, 2680 (2009)
CV-1	African green monkey kidney cell	J. Peloponese, et al., J. Biol. Chem., 281, 8927 (2006)
D283-MED	human medulloblastoma	X. Li, et al., Mol. Cancer Ther., 4, 1912 (2005)



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Daoy	human medulloblastoma	S. Kim, et al., Clin. Cancer Res., 12, 5550 (2006)
Daoy	human medulloblastoma	X. Li, et al., Mol. Cancer Ther., 4, 1912 (2005)
Daudi	human burkitt lymphoma	J. E. Weldon, et al., Blood, 113, 3792 (2009)
Daudi	human burkitt lymphoma	M. Ho, et al., J. Biol. Chem., 280, 607 (2005)
Daudi	human burkitt lymphoma	M. Onda, et al., PNAS, 105, 11311 (2008)
DDLS	dedifferentiated liposarcoma	G. Ambrosini, et al., Mol. Cancer Ther., 7, 890 (2008)
Dermal stem	HR-1 mice	Yuichi Hasebe, et al., Journal of Dermatological Science, 62, 98-106(2011)
DLD-1	human colorectal carcinoma	M. Koyama, et al., Clin Cancer Res, 16, 2320 (2010)
DLD-1	human colorectal adenocarcinoma	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
DLD-1	human colorectal carcinoma	M. Koyama, et al., Clin. Cancer. Res. 16, 2320-2332 (2010)
DLD-1	human colorectal carcinoma	S. Kamiyama, et al., Glycobiology, 21, 235 (2011)
DT40	chicken B-lymphocyte cell	F. Shinozaki, et al., J. Biol. Chem., 281, 16361 (2006)
DU145	human prostate carcinoma	T. Kawakubo, et al., Cancer Res., 67, 10869 (2007)
DU145	human prostate carcinoma	D. J. Son, et al., Mol. Cancer Ther., 6, 675 (2007)
DU145	human prostate carcinoma	P. Davis-Searles, et al., Cancer Res., 65, 4448 (2005)
E14TG2a	mouse embryonic stem cell	N. Sasaki, et al., J. Biol. Chem., 283, 3594 (2008)
EC	human embryonal carcinoma	X. Wang, et al., Stem Cells, 27, 568 (2009)
EC9706	esophageal squamous cell carcinoma	Z. Chen, et al., J. Biol. Chem., 286, 10725 (2011)
ESC	endometriotic stromal cell	T. Hirata, et al., Endocrinology, 149, 1260 (2008)
ES-E14TG2a	Murine ES cell	Yeong-Min Yoo, et al., Brain Research, 1385, 1-7 (2011)
F11	Neurohybrid cells	Yuichi Hashimoto, et al., Molecular Biology of the Cell, 20, 2864 (2009)
F98	Brainstem glioma, Human NSC	S. Choi, et al., Neuro-Oncology, 13, 61-69(2011)
F98s	Brainstem glioma	Do-Hun Lee, et al., Clin Cancer Res, 15, 4925 (2009)
FRCC001	renal carcinoma cell	Y. Zhong, et al., Carcinogenesis, 30, 158 (2009)
FRCC562	renal carcinoma cell	Y. Zhong, et al., Carcinogenesis, 30, 158 (2009)
FRH0201	portal cholangiocellular carcinoma cell	N. Guo, et al., Acta Biochem Biophys Sin, 43, 354 (2011)
FRO	human anaplastic thyroid carcinoma	Z. Meng, et al., Endocrinology, 149, 5357 (2008)
FRT	rat thyroid cell	H. Shimura, et al., Cancer res., 61, 3640 (2001)
FRTL-5	rat thyroid cell	H. Shimura, et al., Cancer res., 61, 3640 (2001)
G361	human melanoma cell	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
GCIY	human gastric carcinoma	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
GES-1	human gastric epithelial cell	Q. Yang, et al., Carcinogenesis, 32, 713 (2011)
Gin-1	human gingival fibroblast	R. Takii, et al., Infect. Immun., 73, 883 (2005)
GSM06	gastric surface mucous cell	T. Nakajima, et al., Am. J. Physiol. Gastrointest. Liver Physiol., 282, G359 (2002)





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H1299	human lung cancer cell	E. Kawata, et al., Mol. Cancer Ther., 7, 2904 (2008)
H1299	human lung cancer cell	S. Semba, et al., J. Biol. Chem., 281, 28244 (2006)
H1299	human lung cancer cell	H. Yamada, et al., Carcinogenesis, 28, 2013 (2007)
H1299	human lung cancer cell	Y. Su, et al., Cancer Res., 67, 3329 (2007)
H1299	human lung cancer cell	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
H1650	human non-small-cell lung cancer cell	J. Deng, et al., Cancer Res., 67, 11867 (2007)
H1703	non-small-cell lung cancer cell	Y. Su, et al., Cancer Res., 67, 3329 (2007)
H1975	human non-small-cell lung cancer cell	T. Okabe, et al., Clin. Cancer Res., 15, 907 (2009)
H1975	human non-small-cell lung cancer cell	J. Deng, et al., Cancer Res., 67, 11867 (2007)
H23	human lung cancer cell	Heekyoung Yang, et al., Biochem. and Biophys. Res. Com., 406, 53-58(2011)
H3255	human non-small-cell lung cancer cell	J. Deng, et al., Cancer Res., 67, 11867 (2007)
H441	human pulmonary adenocarcinoma	H. Shimura, et al., Cancer res., 61, 3640 (2001)
H9c2	embryonic rat heart-derived cell	T. Okazaki, et al., Am. J. Pathol., 171, 1093 (2007)
H9c2	embryonic rat heart-derived cell	M. Kimura, et al., J. Biol. Chem., 276, 26453 (2001)
HaCaT	human keratinocyte cell	H. Lee, et al., J. Immunol., 186, 1248 (2011)
HaCaT	human keratinocyte cell	H. Yue, et al., J. Immunol. 183, 6839-6848 (2010)
HaCaT	human keratinocyte cell	Y. Li, et al., Toxicological Sciences, 116, 1, 174-182(2010)
HAK-1A	human hepatocellular carcinoma	S. Oie, et al., Mol. Cancer Ther., 6, 2310 (2007)
hAMSCs	human amniotic mesenchymal stem cell	J. Lee, et al., j biol chem, 285, 32647 (2010)
hASM	human airway smooth muscle cell	C. J. Delvecchio, et al., Am. J. Physiol. Lung Cell Mol. Physiol., 295, L949 (2008)
HB1.F3	human neural stem cell	S. Kim, et al., Clin. Cancer Res., 12, 5550 (2006)
HB1.F3	human neural stem cell	S. Kim, et al., Clin. Cancer Res., 11, 5965 (2005)
HCC	Hepatocellular carcinoma	Q. Deng, et al., Cancer Res. 70, 782-791 (2010)
HCC	hepatocellular carcinoma cell	Pan Yue, et al., European Journal of Cancer, 47, 1115-1124(2011)
HCC	Hepatocellular carcinoma	M. Furuta, et al., Carcinogenesis. 31, 766-776 (2010)
HCC1937	human breast cancer cell	D. Iliopoulos, et al., Clin. Cancer Res., 13, 268 (2007)
HCC827	human non-small-cell lung cancer cell	J. Deng, et al., Cancer Res., 67, 11867 (2007)
HCC827 GR5	human non-small-cell lung cancer cell	T. Okabe, et al., Clin. Cancer Res., 15, 907 (2009)
HCC827 GR6	human non-small-cell lung cancer cell	T. Okabe, et al., Clin. Cancer Res., 15, 907 (2009)
HCECs	Human Corneal Epithelial Cell	N. C. Joyce, et al., Invest Ophthalmol Vis Sci, 50, 2116 (2009)



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HCL	lymphocytic leukemia,	John E. Weldon, et al., Blood, 113, 3792 (2009)
HCT116	human colon cancer cell	Jung Ok Ban, et al., Mol Cancer Ther, 8, 1613-1624(2009)
HCT116	human colon cancer cell	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
HCT116	human colon cancer cell	J. Lu, et al., Cancer Res., 68, 9384 (2008)
HCT116	human colon cancer cell	M. Iwaizumi, et al., Gut, 58, 249 (2009)
HCT116	human colon cancer cell	A. N, Tse, et al., Mol. Pharmacol., 75, 124 (2009)
HCT116	human colon cancer cell	M. Tanaka, et al., Anticancer Res., 31, 763 (2011)
HCT116	human colon cancer cell	H. Fung, et al., J. Biol. Chem., 286, 4968 (2011)
HCT116	human colon cancer cell	Z. Huang, et al., Cancer Res., 71, 2582 (2011)
HCT116	human colon cancer cell	Y. Zhao, et al., Pnas. 107, 2592-2597 (2010)
HCT116	human colon cancer cell	C. A. Glazer, et al., Arch. Otolaryngol. Head Neck Surg., 137, 286 (2011)
HCT-8	human colon carcinoma	Z. Huang, et al., Cancer Res., 71, 2582 (2011)
HEK293	human embryonic kidney cell	J. Hyung, et al., Mol. Cancer Res. 8, 246-253 (2010)
HEK293	human embryonic kidney cell	S. Semba, et al., J. Biol. Chem., 281, 28244 (2006)
HEK293	human embryonic kidney cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
HEK293	human embryonic kidney cell	C. Tanikawa, et al., Mol Cancer Res, 8, 855-863(2010)
HEK293/4.63	human embryonic kidney cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
HEK293/5I	human embryonic kidney cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
HEK293T	human embryonic kidney cell	J. Sakamaki, et al., PNAS, 108, 6085 (2011)
HeLa	human cervical carcinoma	Y. Seo, et al., Cancer Res. 69, 8356-8365 (2010)
HeLa	human cervical carcinoma	S. Ramakrishna, et al., J. Biol. Chem., 286, 10505 (2011)
HeLa	human cervical carcinoma	C. Shi, et al., J. Biol. Chem., 279, 17224 (2004)
HeLa	human cervical carcinoma	H. Shimura, et al., Cancer res., 61, 3640 (2001)
HeLa	human cervical carcinoma	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
HeLa	human cervical carcinoma	M. Ishiyama, et al., Talanta, 44, 1299 (1997)
HeLa	human cervical carcinoma	Suresh Ramakrishna, et al., J.of Bio. Chem., 286, 12, 10505-10514(2011)
HeLa	human cervical carcinoma	R.Minami, et al., J. Cell Biol., 190(4), 637-650 (2010)
HeLa	human cervical carcinoma	H. Ariyama, et al., Journal of Biological Chem., 285(29) 22027-22035 (2010)
Hep3B	human hepatocellular carcinoma	J. K. Sicklick, et al., Carcinogenesis, 27, 748 (2006)
hepatocyte	Main tissue of liver	Y. Jung, et al., Hepatology. 59, 655-665 (2010)
HepG2	Human hepatocellular liver carcinoma cell	F. Luan, et al., Hepatology. 58, 1528-1537 (2010)
HepG2	hepatic carsinoma	Xin-Rong Yang, et al., Clin Cancer Res, 15, 5518-5527(2009)
HepG2	Human hepatocellular liver carcinoma	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)



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HepG2	Human hepatocellular liver carcinoma	C. A. Reilly, et al., Toxicol. Sci., 73, 170 (2003)
HepG2	Human hepatocellular liver carcinoma	T. Shiokawa, et al., Clin. Cancer Res., 11, 2018 (2005)
HepG2	Human hepatocellular liver carcinoma	T. Ohuchida, et al., Cancer, 100, 2430 (2004)
HepG2	Human hepatocellular liver carcinoma	H. E. Rasmussen, et al., J. Nutr., 138, 476 (2008)
HepG2	Human hepatocellular liver carcinoma	L.Liu, et al., ABBS, 42(8)585-592 (2010)
HepG2	Human hepatocellular liver carcinoma	Ayumi Oshikata, et al., J. of Bio. and Bioeng., 111, 5, 590-593(2011)
HEY	human ovarian cancer cell	J. Song, et al., Clin. Cancer Res., 13, 6842 (2007)
HEYC2	human ovarian cancer cell	J. Song, et al., Clin. Cancer Res., 13, 6842 (2007)
hGal9	modified human Galectin-9	J. Kurida, et al., Mol Cancer Res, 8, 994-1001 (2010)
Hippocampal CA1	neuronal cell	Yuichi Kanmura, et al., Anesth Analg. 100, 888-894 (2010)
HL60	human acute promyelonic leukemia	A. Kanayama, et al., J. Leukoc. Biol., 82, 1344 (2007)
HL60	human acute promyelonic leukemia	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
HL60	human acute promyelonic leukemia	Jie Xiao, et al., Acta Biochim Biophys Sin, 41, 708 (2009)
hMSC	human mesenchymal stem cell	L. Song, et al., Stem Cells, 24, 1707 (2006)
hMSC	human mesenchymal stem cell	D. Huang, et al., FASEB J., 19, 2014 (2005)
hMSCs	human mesenchymal stem cell	Ji-Soo Kim, et al., Experimental Gerontology, 46, 500-510(2011)
hMVEC	human dermal microvascular endothelial	R. Yu, et al., Toxicol. Sci., 93, 82 (2006)
hMVEC	human dermal microvascular endothelial	K. Kuwabara, et al., Endocrinology, 145, 3324 (2004)
hMVEC	human dermal microvascular endothelial	E. F. Moreira, et al., Invest. Ophthalmol. Vis. Sci., 50, 523 (2009)
hMVEC	human dermal microvascular endothelial	F. Lahargue, et al., Blood, 115, 5418-5426 (2010)
HO-1-N-1	oral squamous cell carcinoma	K. Kozaki, et al., Cancer Res., 68, 2094 (2008)
hPASMC	pulmonary artery smooth muscle cells	R. Zhang, et al., Am. J. Physiol Lung Cell Mol. Physiol. 297, L631-L640 (2009)
HSC-2	oral squamous cell carcinoma	K. Kozaki, et al., Cancer Res., 68, 2094 (2008)
HSC-6	oral squamous cell carcinoma	K. Kozaki, et al., Cancer Res., 68, 2094 (2008)
HSC-7	oral squamous cell carcinoma	K. Kozaki, et al., Cancer Res., 68, 2094 (2008)
HSC-T6	hepatic stellate cells	H. Yue, et al., Hepatology. 59, 236-246 (2010)
HT22	mouse hippocampal cell	H. Sohn, et al., FASEB J., 20, 1428 (2006)
HT-29	human colon cancer cell	M. Tanaka, et al., Anticancer Res., 31, 763 (2011)
HT-29	human colon cancer cell	M. Koyama, et al., Mol. Cancer Ther., 6, 1579 (2007)



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HT-29	human colon cancer cell	P. A. Phillips, et al., Cancer Res., 67, 9407 (2007)
HTOA	human ovarian adenocarcinoma	M. Furuya, et al., Cancer Res., 65, 2617 (2005)
HuCCT1	human intrahepatic bile duct carcinoma	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
Huh-7	HCV subgenomic replicon cell	Masahiko Takeshita, et al., Journal of Biological Chemistry, 284, 21165 (2009)
HUVEC	human umbilical vein endothelial	D. Nichol, et al., Blood, 116, 6133 (2010)
HUVEC	human umbilical vein endothelial	Y. Tanaka, et al., Clin. Cancer res., 13, 816 (2007)
HUVEC	human umbilical vein endothelial	T. N. Masckauchan, et al., Mol. biol. Cell., 17, 5163 (2006)
HUVEC	human umbilical vein endothelial	R. Yu, et al., Toxicol. Sci., 93, 82 (2006)
HUVEC	human umbilical vein endothelial	R. Takii, et al., Infect. Immun., 73, 883 (2005)
HUVEC	human umbilical vein endothelial	M. Narazaki, et al., Blood, 107, 3892 (2006)
HUVEC	human umbilical vein endothelial	T. Kitamuro, et al., J. Biol. Chem., 278, 9125 (2003)
HUVEC	human umbilical vein endothelial	S. Sakakibara, et al., J. Virol., 83, 2140 (2009)
HUVEC	human umbilical vein endothelial	H. Yamawaki, et al., Am. J. Physiol. Cell Physiol., 295, C1510 (2008)
HUVEC	human umbilical vein endothelial	M. A. Psotka, et al., Infect. Immun., 77, 959 (2009)
HUVEC	human umbilical vein endothelial	S. Sonoke, et al., Cancer Res., 68, 8843 (2008)
HUVEC	human umbilical vein endothelial	M. K. Stone, et al., Infect. Immun., 76, 1115 (2008)
HUVEC	human umbilical vein endothelial	Y. Chen, et al., Mol Cancer Ther, 9, 2164 (2010)
HUVEC	human umbilical vein endothelial	M. Narazaki, et al., blood, 116, 3099-3107 (2010)
HXO-RB44	retinoblastoma cell	X. Song, et al., Invest Ophthalmol Vis Sci., 51, 2626-2635 (2010)
ILT-Hod	T-cell	T. Kasai, et al., J. Biol. Chem., 277, 5187 (2002)
ILT-Hod	T-cell	S. Kinpara, et al., J. Virol., 83, 5101 (2009)
IMR32	human neuroblastoma	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
INS-1	rat insulinoma cell	Youn-Hee Kim, et al., International Journal of Toxicology, 28, 151(2009)
IPEC	porcine intestinal epithelial cell	F. Chen, et al., J. Anim. Sci., 89, 743 (2011)
J774	macrophage-like cell	G. Nagao, et al., Anticancer Res, 30, 3167 (2010)
JB6 Pp	Mouse Epidermal cell	Michiko Yasuda, et al., Carcinogenesis, 30, 1209 (2009)
JEG-3	Human placental choriocarcinoma cell	L.Liu, et al., ABBS, 42(8)585-592 (2010)
JHU-O11	head and neck squamous cell carcinoma	C. A. Glazer, et al., Arch. Otolaryngol. Head Neck Surg., 137, 286 (2011)
Jurkat	human T-lymphoma	P. Zhang, et al., J. Biol. Chem. 285, 8953-8966 (2010)
Jurkat	human T cell	L. Lu, et al., J. Biochem., 141, 157 (2007)
Jurkat	human T cell	T. Kasai, et al., J. Biol. Chem., 277, 5187 (2002)
Jurkat	human T cell	J. Choi, et al., PNAS, 105, 19875 (2008)
Jurkat	human T cell	Man Lung Yeung, et al., The Journal of Biological Chemistry, 284, 19463 (2009)



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K562	human myeloid leukemia cell	B. Zhou, et al., J. Virol., 82, 6962 (2008)
Kasumi-1	acute myeloid leukemia cell	G. Zhou, et al., Blood, 109, 3441 (2007)
KB	human pharyngeal carcinoma	T. Shiokawa, et al., Clin. Cancer Res., 11, 2018 (2005)
KB	human pharyngeal carcinoma	A. Yamada, et al., Clin. Cancer Res., 14, 8161 (2008)
KB-3-1	human epidermoid carcinoma cell	M. Okabe, et al., Mol. Cancer Ther., 7, 3081 (2008)
KB-3-1	human epidermoid carcinoma cell	X. Liang, et al., Mol. Cancer Res., 6, 1499 (2008)
KB-3-1	human epidermoid carcinoma cell	Y. Zhang, et al., PNAS, 104, 17099 (2007)
KC12	human renal cell carcinoma	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
KK1	T-cell	T. Hisatomi, et al., Blood, 117, 3575 (2011)
KMS-11	multiple myeloma	J. Inoue, et al., Am. J. Pathol., 165, 71 (2004)
KMS-12PE	multiple myeloma	J. Inoue, et al., Am. J. Pathol., 165, 71 (2004)
KMS-34	multiple myeloma	J. Inoue, et al., Am. J. Pathol., 165, 71 (2004)
KOB	T-cell	T. Hisatomi, et al., Blood, 117, 3575 (2011)
KOPN-8	human burkitt lymphoma	J. E. Weldon, et al., Blood, 113, 3792 (2009)
KTC-2	human anaplastic thyroid carcinoma	Z. Meng, et al., Endocrinology, 149, 5357 (2008)
KW-634	Non-small-cell lung carcinoma	Leena Gandhi, et al., Cancer Prev Res, 2, 330(2009)
KW-807	Non-small-cell lung carcinoma	Leena Gandhi, et al., Cancer Prev Res, 2, 4(2009)
KW-814	Non-small-cell lung carcinoma	Leena Gandhi, et al., Cancer Prev Res, 2, 4(2009)
KW-857	Non-small-cell lung carcinoma	Leena Gandhi, et al., Cancer Prev Res, 2, 4(2009)
KYN-2	human hepatocellular carcinoma	S. Oie, et al., Mol. Cancer Ther., 6, 2310 (2007)
KYN-3	human hepatocellular carcinoma	S. Oie, et al., Mol. Cancer Ther., 6, 2310 (2007)
KYSE	esophageal squamous cell carcinoma	I. Imoto, et al., Cancer Res., 61, 6629 (2001)
KYSE	esophageal squamous cell carcinoma	K. Nakakuki, et al., Carcinogenesis, 23, 19 (2002)
KYSE-1170	esophageal squamous cell carcinoma	I. Imoto, et al., Cancer Res., 63, 5691 (2003)
KYSE170	esophageal squamous cell carcinoma	K. Suchi, et al., Anticancer Res, 31, 67 (2011)
KYSE410	esophageal squamous cell carcinoma	Z. Chen, et al., J. Biol. Chem., 286, 10725 (2011)
L929	Murine Fibroblast cell	Y. Morita, et al., PNAS, 97, 5405 (2000)
L929	Murine Fibroblast cell	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
L929	Murine Fibroblast cell	Stephen B. Howell, et al, Mol Cancer Ther, 8, 1906 (2009)
Lacrimal gland	mesenchymal stem cell	Samantba You, et al., IOVS, 52, 5(2011)
LC319	human lung cancer	M. Nguyen, et al., Cancer Res., 70, 5337-5347 (2010)
LCL	Epstein-Barr virus-transformed B lymphoblastoid	R. Hori, et al., J. Biol. Chem., 277, 10712 (2002)
LCSC#2	non-small-cell lung cancer cell	H. Ishibashi, et al., Cancer Res., 65, 6450 (2005)



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LK87	human lung adenocarcinoma	Y.Miki, et al., Cancer Res., 70, 6659-6669(2010)
LK87	human lung adenocarcinoma	H. Otori, et al., Mol. Cancer Ther., 5, 2563 (2006)
LLC-PK1	porcine renal tubular	T. Yano, et al., Am. J. Pathol., 166, 1333 (2005)
LLC-PK1	porcine renal tubular	T. Yano, et al., Antimicrob. Agents Chemother., 53, 1420 (2009)
LLC-PK1	porcine renal tubular	Takahisa Yano, et al., Antimicrobial Agents and Chemotherapy, 53, 1420 (2009)
LMB-H226-CL	human mesothelioma cell	Mingqian Feng, et al., Journal of Cancer, 2,123-131(2011)
LNCaP	human prostate carcinoma	D. J. Son, et al., Mol. Cancer Ther., 6, 675 (2007)
LNCaP	human prostate carcinoma	W. L. Dahut, et al., Clin. Cancer Res., 14, 209 (2008)
LNCaP	human prostate carcinoma	K. Tamura, et al., Cancer Res. 69, 8133-8140 (2009)
LoVo	human colorectal carcinoma	Z. Huang, et al., Cancer Res., 71, 2582 (2011)
LS141	dedifferentiated liposarcoma	G. Ambrosini, et al., Mol. Cancer Ther., 7, 890 (2008)
lymph node	native C57BL/6J mice and native BALB/c mice	J. Suzuki, et al., J. Am. Coll. Cardiol. 55, 904-913 (2010)
lymphocyte	Mixed lymphocyte	Tomomi Hasegawa, et al., Am J Physiol Heart Circ Physiol, 296, H1007 (2009)
M059J	human glioblastoma	T. Hisatomi, et al., Blood, 117, 3575 (2011)
M059K	human glioblastoma	T. Hisatomi, et al., Blood, 117, 3575 (2011)
M28	mesothelioma cell	F. An, et al., Mol. Cancer Ther., 7, 569 (2008)
Macrophage	mouse	Y. Miyake, et al., J. Immunol., 178, 5001 (2007)
Mast	human skin mast cell, primary	J. Tessier, et al., Infect. Immun., 75, 1895 (2007)
MC38	murine colon adenocarcinoma cell	Xianyan Liang, et al. Journal of Leukocyte Biology, 86, 599-607(2009)
MC3T3-E1	Osteoblast-like cells	Zhenhuan Zheng, et al., J Biomater Appl, 24, 209 (2009)
MC9	murine mast cell	H. Yoshikawa, et al., J. Immunol., 162, 6162 (1999)
MCF-7	human breast cancer cell	L.Liu, et al., ABBS, 42(8)585-592 (2010)
MCF-7	human breast cancer cell	Robert Clarke, et al, Mol. Cancer Ther., 9, 1274 - 1285. 2010
MCF-7	human breast cancer cell	B. Zhang, et al., Carcinogenesis, 32, 2 (2011)
MCF-7	human breast cancer cell	D. Iliopoulos, et al., Clin. Cancer Res., 13, 268 (2007)
MCF-7	human breast cancer cell	H. Fuda, et al., J. Lipid Res., 48, 1343 (2007)
MCF-7	human breast cancer cell	H. Otori, et al., Mol. Cancer Ther., 5, 2563 (2006)
MCF-7	human breast cancer cell	J. Stankova, et al., Clin. Cancer Res., 11, 2047 (2005)
MCF-7	human breast cancer cell	T. Suzuki, et al., Endocr. Relat. Cancer, 13, 233 (2006)
MCF-7	human breast cancer cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
MCF-7	human breast cancer cell	Y. Miki, et al., Cancer Res., 67, 3945 (2007)
MCF-7	human breast cancer cell	T. Suzuki, et al., Endocr. Relat. Cancer, 14, 279 (2007)
MCF-7	human breast cancer cell	Y. Ning, et al., Mol. Cancer Ther. 9, 1274-1285 (2010)
MCF-7	human breast cancer cell	N. Ji, et al., Acta Biochem Biophys Sin, 42, 854 (2010)



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MCF-7	human breast cancer cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
MCF-7	human breast cancer cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
MDA-MB-231	human breast cancer cell	M. Grossmann, et al., Cancer Prev. Res. 2, 879-8886 (2009)
MDA-MB-231	human breast cancer cell	Michael E. Grossmann, et al., Cancer Prev Res, 2, 879-886(2009)
MDA-MB-231	human breast cancer cell	D. Iliopoulos, et al., Clin. Cancer Res., 13, 268 (2007)
MDA-MB-231	human breast cancer cell	J. Lu, et al., Cancer Res., 68, 9384 (2008)
MDA-MB-435	Human breast cancer cell	Lan-Yun Feng, et al., Clin Cancer Res, 15, 2962 (2009)
MDCK	canine kidney epithelial cell	A. W. Kahsai, et al., J. Biol. Chem., 283, 24534 (2008)
MDCK	canine kidney epithelial cell	H. Shimura, et al., Cancer res., 61, 3640 (2001)
MEF	mouse embryonic fibroblast	N. Kono, et al., J. Biol. Chem., 283, 1628 (2008)
MEF	mouse embryonic fibroblast	T. Hatai, et al., J. Biol. Chem., 275, 26576 (2000)
MEF	mouse embryonic fibroblast	F. Katsuoka, et al., Mol. Cell. Biol., 25, 8044 (2005)
MEF	mouse embryonic fibroblast	H. Sanjo, et al., Mol. Cell. Biol., 23, 1231 (2003)
MEF	mouse embryonic fibroblast	Y. Morita, et al., PNAS, 97, 5405 (2000)
MEF	mouse embryonic fibroblast	M. Koyama, et al., Mol. Cancer Ther., 6, 1579 (2007)
mESC	mouse embryonic stem cell	Norihiko Sakaki, et al., Stem Cells, 29, 641-650(2011)
mesenchymal stem	from mouse lacrimal gland	S. You, et al., Invest. Ophthalmol. Vis. Sci., 52, 2087 (2011)
MeT5A	human mesothelial cell	R. Ogata, et al., Perit. Dial. Int., 31, 80 (2011)
mGCs	mouse preantral granulosa cell	G. Yao, et al., Mol Endocrinol. 24, 540-551 (2010)
MH134	murine hepatocellular carcinoma	S. Shibata, et al., J. Immunol., 177, 3564 (2006)
MHCC97H	hepatic carcinoma	Xin-Rong Yang, et al., Clin Cancer Res, 15, 5518-5527(2009)
MHCC97L	hepatic carcinoma	Xin-Rong Yang, et al., Clin Cancer Res, 15, 5518-5527(2009)
MH-S	murine alveolar macrophage	G. Murphy, Jr., et al., Am. J. Respir. Cell Mol. Biol., 38, 532 (2008)
MiaPaCa-2	pancreatic cancer cell	S. Yu, et al., Cancer Res, 70, 6015 (2010)
MiaPaCa-2	pancreatic cancer cell	W. Schneiderhan, et al., Pancreatic Cancer, 58, 1391 (2009)
MiaPaCa-2	pancreatic cancer cell	P. A. Phillips, et al., Cancer Res., 67, 9407 (2007)
MiaPaCa-2	pancreatic cancer cell	A. Aghdassi, et al., Cancer Res., 67, 616 (2007)
MiaPaCa-2	pancreatic cancer cell	S. Takano, et al., Ann. Surg. Oncol., 15, 3157 (2008)
MIN6	mouse insulinoma	S. Oyadomari, et al., PNAS, 98, 10845 (2001)
MKN-1	gastric carcinoma	R. Hino, et al., Cancer Res., 68, 1427 (2008)
MKN28	human gastric cancer cell	M. Tanaka, et al., Anticancer Res., 31, 763 (2011)
MKN28	human gastric cancer cell	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
MKN45	human gastric cancer cell	Y. Hayakawa, et al., PNAS, 108, 780 (2011)
MKN45	human gastric cancer cell	M. Tanaka, et al., Anticancer Res., 31, 763 (2011)
MKN-7	gastric carcinoma	R. Hino, et al., Cancer Res., 68, 1427 (2008)



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MKN74	human gastric cancer cell	Y. Hayakawa, et al., PNAS, 108, 780 (2011)
MKN74	human gastric cancer cell	R. Hino, et al., Cancer Res., 68, 1427 (2008)
MN9	mouse	G. Kweon, et al., J. Biol. Chem., 279, 51783 (2004)
MOLT-4	human acute lymphoblastic leukemia cell	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
mononuclear	from bone marrow	J. Choi, et al., Blood, 109, 471 (2007)
MPNST	malignant peripheral nerve sheath tumor cell	G. Ambrosini, et al., Mol. Cancer Ther., 7, 890 (2008)
MP-N-TS	neuroblastoma	F. Saito-Ohara, et al., Cancer Res., 63, 1876 (2003)
MSC	mesenchymal stem cell	Rui Yand, et al., Med Oncol, DOI 10.1007/s12032-001-9943-7
MSTO-211H	malignant biphasic mesothelioma	M. Takenouchi, et al., Clin Cancer Res, 17, 2819 (2011)
MT1	T-cell	T. Hisatomi, et al., Blood, 117, 3575 (2011)
MT1	T-cell	T. Kasai, et al., J. Biol. Chem., 277, 5187 (2002)
MT-2	T-cell	T. Hisatomi, et al., Blood, 117, 3575 (2011)
MT4	T-cell	J. Peloponese, Jr., et al., J. Virol., 83, 3238 (2009)
MT4	T-cell	K. V. Kibler, et al., J. Biol. Chem., 279, 49055 (2004)
MT4	T-cell	T. Kasai, et al., J. Biol. Chem., 277, 5187 (2002)
MT4	T-cell	M. L. Yeung, et al., Cancer Res., 68, 8976 (2008)
Murine 264.7 macrophages	Mouse leukaemic monocyte macrophage cell line	T. Devera, et al., Infect. Immun. 78, 1610-1617 (2010)
murine podocyte	murine podocyte	Y. Takano, et al., Am. J. Physiol. Renal Physiol., 292, F1573 (2007)
Mycoplasma bovis PG45	mycoplasma	M. K. Soehnen, et al., J. Antimicrob. Chemother., 66, 574 (2011)
Namalwa	human lymphoblastoid	M. Ho, et al., J. Biol. Chem., 280, 607 (2005)
Nb2	rat lymphoma cell	N. Hattori, et al., Endocrinology, 148, 2465 (2007)
NCI-H226	human mesothelioma cell	Mingqian Feng, et al., Journal of Cancer, 2,123-131(2011)
Neuro2a	neuroblastoma cell	R. Yonashiro, et al., Mol. Bio. Cell. 20, 4524-4530 (2009)
NHBE	normal human bronchial epithelial cell	ER stress, et al., The Journal of pharmacology and Experimental Therapeutics, 337, 400-410, 2011
NHBE	normal human bronchial epithelial cell	K. C. Thomas, et al., J. Pharmacol. Exp. Ther., 337, 400 (2011)
NHDF	normal human dermal fibroblast	E. Kawata, et al., Mol. Cancer Ther., 7, 2904 (2008)
NHEK	Normal human epidermal keratinocytes	Chika Ishikawa, et al., Antimicrobial Agents and Chemotherapy, 53, 1760 (2009)
NHF	normal human fibroblast	E. Kawata, et al., Mol. Cancer Ther., 7, 2904 (2008)
NIH3T3	mouse fibroblast	R. Yu, et al., Toxicol. Sci., 93, 82 (2006)
NIH-3T3	mouse fibroblast	Shouyu Wang, et al., Nucleic Acids Research, 37, 6(2009)
NOK-SI	spontaneously immortalized oral keratinocyte	C. A. Glazer, et al., Arch. Otolaryngol. Head Neck Surg., 137, 286 (2011)



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NRK/SEAPs	Rat renal tubular epithelial cell	Shuqi Du, et al., J Immunol, 182, 7201 (2009)
NRK-52E	rat renal tubular epithelial cell	S. Nakajima, et al., Mol. Cell. Biol., 31, 1710 (2011)
NS/PC	neural stem/progenitor cell	W. Jiang, et al., J. Clin. Invest., 115, 3104 (2005)
NSC	Neural stem cell	Y. Nakatani, et al., Glycobiology. 20, 78-86 (2010)
NSC	Neural stem cell	H.Yagi, et al., Journal of Biological Chemistry, 285(48), 37293-37301(2010)
NT2N	human embryonal carcinoma	J. Tessier, et al., Infect. Immun., 75, 1895 (2007)
OCI-Ly7	human burkitt lymphoma	X. Du, et al., Blood, 111, 338 (2008)
OMT	T-cell	T. Hisatomi, et al., Blood, 117, 3575 (2011)
OPM1cell	myeloma cell (dexamethasone-resistant)	Masanori Nojima, et al., Clin Cancer Res, 15, 4356 (2009)
OS-RC-2	renal carcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)
osteoblast	from calvaria of Wistar rats	E.. Hinoi, et al., FASEB J., 17, 1532 (2003)
OVCAR-3	human serous ovarian cancer cell	H. Yoshida, et al., Anticancer Res., 31, 1271 (2011)
OVK18	human ovarian cancer cell	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
P493-6	B-lymphocyte cell	T. Chang, et al., PNAS, 106, 3384 (2009)
PAMC82-P3, BGC823	human gastric cancer cell	L. Peng, et al., Carcinogenesis. 30, 1660-1669 (2009)
PANC-1	pancreatic cancer cell	S. Yu, et al., Cancer Res, 70, 6015 (2010)
PANC-1	pancreatic cancer cell	A. Aghdassi, et al., Cancer Res., 67, 616 (2007)
PANC-1	pancreatic cancer cell	T. Mori, et al., Mol. Cancer Ther., 3, 29 (2004)
PANC-1	pancreatic cancer cell	S. Awale, et al., Cancer Res., 66, 1751 (2006)
PANC-1	pancreatic cancer cell	P. A. Phillips, et al., Cancer Res., 67, 9407 (2007)
PANC-1, MIA- PaCa2	pancreatic cancer cell	K. Kashiwaya, et al., Cancer Res., 70, 4024-4033 (2010)
pancreatic	pancreatic cell	Min Koo Seo, et al., Diabetes Metab J, 35, 72-79(2011)
pancreatic acinar	mouse	G. Hu, et al., Gut, 60, 820 (2011)
PBL	peripheral blood lymphocyte	B. Zhou, et al., J. Virol., 82, 6962 (2008)
PBMC	peripheral blood mononuclear cell	Q. Zhang, et al., J. Immunol. 183, 7787-7798 (2010)
PBMC	human peripheral blood mononuclear cell	T. Lee, et al., Mol. Cancer Ther., 5, 2398 (2006)
PBMC	human peripheral blood mononuclear cell	C. Chang, et al., Stem Cells, 24, 2466 (2006)
PBMC	peripheral blood mononuclear cell	V. El-Khoory, et al., Mol. Cancer. Ther. 9, 1349-1360 (2010)
PC12	rat adrenal pheochromocytoma cell	Z. Zheng, et al., J. Bioact. Compat. Polym., 24, 63 (2009)
PC14PE6	human lung cancer cell	Heekyoung Yang, et al., Biochem. and Biophys. Res. Comm., 406, 53-58(2011)
PC3	human prostate cancer cell	D. J. Son, et al., Mol. Cancer Ther., 6, 675 (2007)



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PC3	human prostate cancer cell	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
PC3	human prostate cancer cell	J. Stankova, et al., Clin. Cancer Res., 11, 2047 (2005)
PC3	human prostate cancer cell	T. Kawakubo, et al., Cancer Res., 67, 10869 (2007)
PC3	human prostate cancer cell	P. S. Koka, et al., Exp Biol Med, 235, 751 (2010)
PC6	human lung cancer cell	M. Spencer, et al., J. Biol. Chem., 277, 20160 (2002)
PC9	human lung cancer cell	J. Deng, et al., Cancer Res., 67, 11867 (2007)
PC9	human lung cancer cell	Eiki Ichihara, et al., Cancer Res, 69, 5091 (2009)
PC9	human lung cancer cell	W. Wnag, et al., Clin. Cancer. Res. 15, 6630-6638 (2010)
PC9	human lung cancer cell	T. Okabe, et al., Clin. Cancer Res., 15, 907 (2009)
PCN	primary cortical neuron	H. Suzuki, et al., J. Biol. Chem., 286, 13171 (2011)
PCN	primary cortical neuron	T. Chiba, et al., J. Neurosci., 25, 10252 (2005)
PFSK	primitive neuroectodermal tumour cell	X. Li, et al., Mol. Cancer Ther., 4, 1912 (2005)
PPC-1	human prostate cancer cell	T. Kawakubo, et al., Cancer Res., 67, 10869 (2007)
PrE	human prostate epithelial cell	T. Kawakubo, et al., Cancer Res., 67, 10869 (2007)
primary: ATLS	adult T-cell leukemia cell	Shuichi Kinpara, et al., Journal of Virology, 83, 5101 (2009)
Primary: brain	mouse	Z. Zhong, et al., J Neurosci, 30, 15521 (2010)
primary: cardiac fibroblasts	rat	J. H. Jun, et al., Br J Anaesthesia, 106, 650 (2011)
primary: conjunctival goblet	human	M. A. Shatos, et al., Invest. Ophthalmol. Vis. Sci., 50, 614 (2009)
primary: cortical neurons,	mouse	M. Ikonen, et al., PNAS, 100, 13042 (2003)
primary: HaCaT	keratinocytes,	Eun-Kyeong Jo, et al, The Journal of Immunology, 186, 1248–1258, 2011
primary: Hippocampal neuron	from Wistar rat embryos	K. Kurata, et al., J. Pharmacol. Exp. Ther., 311, 237 (2004)
primary: medulloblastoma	xenograft	L. Yu, et al., Neuro Oncology, 13, 14 (2011)
Primary: MEMM	mouse embryonic maxillary mesenchyme	J. Iwata, et al., J. Biol. Chem. 285, 4975-4982 (2010)
Primary: tumors	xenograft	Xiao-Nan Li, et al, Neuro Oncology, 13,14–27, (2011)
Primaryfrom C57BL/6 mice	Cardiomyocytes	Shinya Minatoguchi, et al, Am J Physiol Heart Circ Physiol 300: H2261–H2271, 2011.
PSC	Pluripotent Stem Cell	P.Phillips, et al., PNAS, 107(40), 17397-17402 (2010)
PSN-1	pancreatic cancer cell	S. Awale, et al., Cancer Res., 66, 1751 (2006)



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QBC939	Human cholangiocarcinoma	N. Guo, et al., Acta Biochem Biophys Sin, 43, 354 (2011)
R1	mouse embryonic stem cell	N. Sasaki, et al., J. Biol. Chem., 283, 3594 (2008)
R28	rat retinal precursor cell	Y. Murakami, et al., Am. J. Pathol., 173, 1326 (2008)
Raji	human burkitt lymphoma	M. Onda, et al., PNAS, 105, 11311 (2008)
Raji	human burkitt lymphoma	J. E. Weldon, et al., Blood, 113, 3792 (2009)
Ramos	human burkitt lymphoma	J. E. Weldon, et al., Blood, 113, 3792 (2009)
Ramos	human burkitt lymphoma	M. Ho, et al., J. Biol. Chem., 280, 607 (2005)
Ramos	human burkitt lymphoma	X. Du, et al., Blood, 111, 338 (2008)
RA-SF	rheumatoid arthritis synovial fibroblasts	M. Horiuchi, et al., J Rheumatol, 36, 1580 (2009)
RAW 264	mouse macrophage	M. Shiga, et al., Anesth. Analg., 92, 128 (2001)
RAW 264.7	mouse macrophage	M. L. Nguyen, et al., Infect. Immun., 77, 162 (2009)
RAW 264.7	mouse macrophage	D. J. Son, et al., Mol. Cancer Ther., 6, 675 (2007)
RAW 264.7	mouse macrophage	S. Oyadomari, et al., PNAS, 98, 10845 (2001)
RAW 264.7	mouse macrophage	H. Kim, et al., J. Leukoc. Biol., 83, 1431 (2008)
RAW 264.7	mouse macrophage	Yukio Murakami, et al., Anticancer Research, 29, 2403 (2009)
RAW 264.7	mouse macrophage	S. Crowe, et al., JID, 202(2), 251-260 (2010)
RAW 264.7	mouse macrophage	M. L. Nguyen, et al., Infect Immun, 77, 4714 (2009)
RAW 264.7	mouse macrophage	J. H. Seo, et al., J Nuclear Med, 51, 1637 (2010)
rBCEC	rat brain capillary endothelial cell	J. Yin, et al., Mol. Pharmacol., 74, 1132 (2008)
RC	rabbit cornea cell	H. Tominaga, et al., Anal. Commun., 36, 47 (1999)
RERF-LC-OK	non-small-cell lung cancer cell	H. Ishibashi, et al., Cancer Res., 65, 6450 (2005)
RGC-5	rat ganglion cell line	T. Sato, et al., Invest Ophthalmol Vis Sci, 51, 2575 (2010)
RGC-5	rat ganglion cell line	Hideaki Hara, et al., Invest Ophthalmol Vis Sci., 50:334-344 (2009)
RIN5F	RIN-m rat islet line	F.Furuya, et al., Journal of Biological Chemistry, 285(32), 24477-24486 (2010)
RL95-2s	human endometrial carcinoma	Naomi Takahashi-Shiga, et al., Clin Cancer Res, 15, 6028 (2009)
RP9	B lymphoblastoid cell	R. A. Dalloul, et al., Poult. Sci., 85, 446 (2006)
RPE	human retinal pigment epithelium	E. Chaum, et al., Invest. Ophthalmol. Vis. Sci., 43, 3758 (2002)
RPE	human retinal pigment epithelium	Z. Bian, et al., Invest. Ophthalmol. Vis. Sci., 49, 5593 (2008)
S1	human colon cancer cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
S1-M1-80	human colon cancer cell	C. Wu, et al., Mol. Cancer Ther., 6, 3287 (2007)
SBC-3	human small cell lung cancer cell	E. Kawata, et al., Mol. Cancer Ther., 7, 2904 (2008)
SBC-5	human small cell lung cancer cell	E. Kawata, et al., Mol. Cancer Ther., 7, 2904 (2008)
SCC-15	human tongue squamous carcinoma cell	Tao Yu, et al., Mol Cancer Res, 9, 2(2011)



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SH10TC	human gastric cancer cell	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
SH-SY5Y	human neuroblastoma	Y. Park, et al., J. Biol. Chem., 284, 1540 (2009)
SH-SY5Y	human neuroblastoma	T. Nakagawa, et al., Mol. Cell. Biol., 22, 2575 (2002)
SK-BR-3	human breast cancer cell	S. Nagasaki, et al., Cancer Res., 69, 1392 (2009)
SK-Hep-1	liver carcinoma cell	In-Sung Song, et al., Carcinogenesis, 30, 7, 1106-1114(2009)
SK-N-AS, SH-SY5Y	Neuroblastoma cells	Sanjeev A. Vasudevan, et al., Mol Cancer Ther, 8, 2478 (2009)
SK-N-BE	human neuroblastoma	T. Nakagawa, et al., Mol. Cell. Biol., 22, 2575 (2002)
SK-NFI	human neuroblastoma	J. Stankova, et al., Clin. Cancer Res., 11, 2047 (2005)
SK-N-SH	human neuroblastoma	Y. Wang, et al., J. Virol., 78, 7916 (2004)
SK-N-SH, SH-SY5Y-Luc, IMR-32, LAN-1, JF, SH-EP, SMS-KCN, SK-N-AS, MCF-10A, MCF-7	human neuroblastoma, Breast normal epithelial, Breast tumor	Xiaoying Shang, et al., Mol Cancer Ther, 8, 2461 (2009)
SM43	mesangial cell	S. Endo, et al., Mol. Pharmacol., 72, 1337 (2007)
SMC-PV	pulmonary vascular smooth muscle cell	W. Zhou, et al., Am. J. Physiol. Heart Circ. Physiol., 292, H2773 (2007)
SMS-KAN	human neuroblastoma	A. Misawa, et al., Cancer Res., 65, 10233 (2005)
SNU638	human gastric cancer cell	In-Sung song, et al., Cancer Res, 69, 3131-3139(2009)
SPC	mouse splenocytes	C. Zhang, et al., J. Biol. Chem., 286, 13723 (2011)
splenic lymphocytes	broiler chickens	A. Y. Han, et al., Poultry Science, 89, 2063 (2010)
splenocyte	from mouse	T. Wu, et al., J. Virol., 81, 10310 (2007)
ST1	T-cell	T. Hisatomi, et al., Blood, 117, 3575 (2011)
ST-8814	malignant peripheral nerve sheath tumor cell	G. Ambrosini, et al., Mol. Cancer Ther., 7, 890 (2008)
SUIT-2	pancreatic cancer cell	T. Mori, et al., Mol. Cancer Ther., 3, 29 (2004)
SupT1	human lymphoblast cell	J. Melton, et al., J. Biol. Chem., 279, 14315 (2004)
SW1990, BxPC3	Human pancreatic cancer cell line	Peng Wang, et al., Carcinogenesis, 30,1497 (2009)
SW480	human colorectal carcinoma	Z. Huang, et al., Cancer Res., 71, 2582 (2011)
SW620	human colon cancer cell	S. H. Lee, et al., Mol. Cancer Ther., 6, 2786 (2007)
SW620	human colon cancer cell	Jung Ok Ban, et al., Mol Cancer Ther, 8, 1613-1624(2009)
SW620	human colon cancer cell	H. Ohori, et al., Mol. Cancer Ther., 5, 2563 (2006)
SW620	human colon cancer cell	J. Stankova, et al., Clin. Cancer Res., 11, 2047 (2005)
SW839	renal carcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)
T24	human bladder carcinoma	Y. Shibata, et al., J. Biol. Chem., 277, 746 (2002)



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T24	Human bladder carcinoma cell line	M. Miyake, et al., J. Pharmacol. Exp. Ther. 332, 795-802 (2010)
T-47D	Breast carcinoma cell	K. Takagi, et al., Endocr-relat. Cancer. 17, 415-430 (2010)
T98G	human glioblastoma	T. Kitamuro, et al., J. Biol. Chem., 278, 9125 (2003)
Tca8113	human tongue squamous cell carcinoma	T. Yu, et al., Mol. Cancer Res., 9, 161 (2011)
Tca8113	human tongue squamous cell carcinoma	Tao Yu, et al., Mol Cancer Res, 9, 2(2011)
T-Cell	Chicken	A. Han, et al., Poultry Science, 89, 2063-2070 (2010)
TE13	human esophageal squamous cell	K. Suchi, et al., Anticancer Res, 31, 67 (2011)
TE6	human esophageal cancer cell	Y. Nagai, et al., Anticancer Res., 31, 991 (2011)
TEC	human thymoma epithelial cell	H. Ishibashi, et al., Clin. Cancer Res., 11, 6495 (2005)
THP-1	human monocytic leukemia cell	D. E. Voth, et al., Infect. Immun., 77, 205 (2009)
THP-1	human monocytic leukemia cell	D. E. Voth, et al., Infect. Immun., 75, 4263 (2007)
TK6	human B lymphoblastoid cell	H. Fung, et al., J. Biol. Chem., 286, 4968 (2011)
TK6	human B lymphoblastoid cell	H. Fung, et al., Mol. Cell. Biol., 27, 8834 (2007)
TK6	human B lymphoblastoid cell	Y. Li, et al., Toxicological Sciences, 118(2), 435-443(2010)
TL-Omi	T-cell	T. Kasai, et al., J. Biol. Chem., 277, 5187 (2002)
TL-Su	T-cell	T. Kasai, et al., J. Biol. Chem., 277, 5187 (2002)
TMK1	human gastric cancer cell	Y. Hayakawa, et al., PNAS, 108, 780 (2011)
TMK1	gastric carcinoma	R. Hino, et al., Cancer Res., 68, 1427 (2008)
TRPV-OE BEAS-2B	human bronchial epithelial cell	K. C. Thomas, et al., J. Pharmacol. Exp. Ther., 337, 400 (2011)
Ts lacking MEKK3	T cell	Hisaaki Shinohara, et al., International Immunology, 21, 393 (2009)
TUHR10-TKB	renal carcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)
TUHR14-TKB	renal carcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)
Two thousand H28, H2452 cells	MPM (malignant pleural mesothelioma) cell	Rina Ohashi, et al., Anticancer Research, 29, 2205 (2009)
U251MG	human glioblastoma	S. Kim, et al., Clin. Cancer Res., 12, 5550 (2006)
U2OS	human osteosarcoma	L. Hu, et al., J. Biol. Chem., 286, 3119 (2011)
U2OS	human osteosarcoma	L. Hu, et al., J Biol Chem, 286, 3119 (2011)
U2OS	human osteosarcoma	J. Park, et al., Journal of Biological Chemistry, 285(45), 3029-35038(2010)
U-87	glioma cell	J. Wei, et al., Clin. Cancer. Res. 16, 461-473 (2010)
U-87	glioma cell	J. Wei, et al., Mol. Cancer. Ther. 9, 67-78 (2010)
U87MG	human glioblastoma	S. Kim, et al., Clin. Cancer Res., 12, 5550 (2006)
U87MG	human glioblastoma	S. Kim, et al., Clin. Cancer Res., 11, 5965 (2005)
U87MG	human glioblastoma	B. Choi, et al., Cancer Res., 68, 1369 (2008)



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U87MG	human glioblastoma	T. Arai, et al., Anticancer Res. 30, 1057-1064 (2010)
U87MG	human glioblastoma	H. Mure, et al., Neuro-Oncology, 12, 221 (2010)
U937	human monoblastic lymphoma	R. Hori, et al., J. Biol. Chem., 277, 10712 (2002)
uterine smooth muscle	Uterine fibroids	Guangli Suo, et al., Biology of Reproduction, 81, 749 (2009)
VAMT-1	mesothelioma cell	F. An, et al., Mol. Cancer Ther., 7, 569 (2008)
vCT	villous cytotrophoblast cell	Y. Hirota, et al., Endocrinology, 150, 350 (2009)
Vero, Vero-shNuc-5, and Vero-shGFP	kidney epithelial cells	K. Sagou, et al., J. Virol. 84, 2110-2121 (2010)
VMRC-RCW	renal carcinoma	T. Morikawa, et al., Clin. Cancer Res., 13, 5703 (2007)
VSMC	vascular smooth muscle cell	P. Wang, et al., Cardiovasc. Res., 81, 370 (2009)
VSMC	vascular smooth muscle cell	T. Fujita, et al., Hypertension, 53, 688 (2009)
WERI-RB-1	human retinoblastoma	M. Munoz, et al., Invest. Ophthalmol. Vis. Sci., 46, 2567 (2005)
WI38VA-13	human embryonic lung fibroblast	C. Tabata, et al., Am. J. Physiol. Lung Cell Mol. Physiol., 290, L597 (2006)
WI38VA-13	human embryonic lung fibroblast	C. Tabata, et al., J. Immunol., 179, 708 (2007)
WSU-CLL	human B lymphoid	M. Ho, et al., J. Biol. Chem., 280, 607 (2005)
WSU-CLL	human B lymphoid	J. E. Weldon, et al., Blood, 113, 3792 (2009)
Y-79	human retinoblastoma	M. Munoz, et al., Invest. Ophthalmol. Vis. Sci., 46, 2567 (2005)

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