Product datasheet

anti-GFP-tag mouse monoclonal, F56-6A1.2.3, lyophilized, purified, large

Short overview

Cat. No.	910GFPL
Quantity	100 µg
Concentration	0.25 mg/ml after reconstitution with 400 µl PBS

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b
Clone	F56-6A1.2.3
Immunogen	Full length enhanced GFP
Formulation	Lyophilized; reconstitute in 400 µl sterile PBS, pH 7.4
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	-20°C (avoid freeze/thaw cycles)
Intended use	Research use only
Application	ICC/IF, WB
Reactivity	GFP

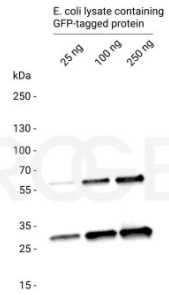
Applications

Immunocytochemistry (ICC)	Assay dependent
Western Blot (WB)	1:500 (0.5 µg/ml)

Background

The monoclonal F56-6A1.2.3 antibody recognizes the GFP-tag (green fluorescent tag). The GFP-tag is commonly added to recombinant proteins and can be used for detection or purification of the tagged protein.

Product images



Western blot analysis of E. coli lysate containing GFP-tagged protein with anti-GFP-tag antibody. Western blot analysis was performed on 250 ng, 100 ng or 25 ng of E. coli lysate containing GFP-tagged protein. Cells were lysed with SDS sample buffer. The PVDF membrane was blocked with 5% dry milk in PBST for 1 h at RT. The primary antibody anti-GFP-tag mouse monoclonal, F56-6A1.2.3 (Cat. No. 910GFPL) was diluted in blocking buffer (antibody concentration 0.5 µg/ml) and incubated for 1 h at RT. The secondary antibody goat anti-mouse IgG polyclonal, HRP conjugate was also diluted in blocking buffer (antibody concentration 0.2 µg/ml) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using PierceTM ECL Western Blotting Substrate.