

## Product datasheet

anti-GST-tag mouse monoclonal, F50-3D12.2, lyophilized, purified

### Short overview

<b>Cat. No.</b>	910GST
<b>Quantity</b>	25 µg
<b>Concentration</b>	0.25 mg/ml after reconstitution with 100 µl PBS

### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone</b>	F50-3D12.2
<b>Immunogen</b>	Not available or unknown
<b>Formulation</b>	Lyophilized; reconstitute in 100 µl sterile PBS, pH 7.4
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage before reconstitution</b>	2-8°C until indicated expiry date
<b>Storage after reconstitution</b>	-20°C (avoid freeze/thaw cycles)
<b>Intended use</b>	Research use only
<b>Application</b>	WB
<b>Reactivity</b>	GST

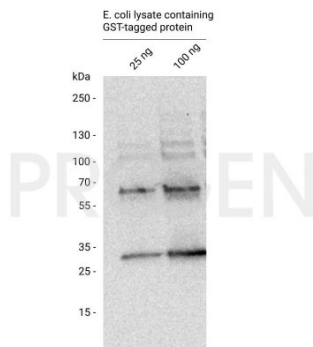
### Applications

<b>Western Blot (WB)</b>	1:500 (0.5 µg/ml)
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### Background

The monoclonal F50-3D12.2 antibody recognizes the GST-tag (Glutathione S-transferase). The GST-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 GST-tagged protein with anti-GST-tag antibody. Western blot analysis was performed on 100 ng or 25 ng of E. coli lysate containing GST-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-GST-tag mouse monoclonal, F50-3D12.2 (Cat. No. 910GSTL) was diluted in blocking buffer (antibody concentration 0.5  $\mu\text{g}/\text{ml}$ ) 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  $\mu\text{g}/\text{ml}$ ) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using Pierce™ ECL Western Blotting Substrate.