Product datasheet

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

Short overview

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

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	F50-3D12.2
Immunogen	Not available or unknown
Formulation	Lyophilized; reconstitute in 100 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	WB
Reactivity	GST

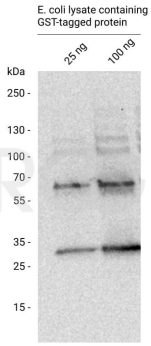
Applications

Western Blot (WB)	1:500 (0.5 µg/ml)

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 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.