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Product datasheet for SM6024

GST-Tag Mouse Monoclonal Antibody [Clone ID: 1E5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1E5
Applications:	ELISA, IF, WB
Recommended Dilution:	**ELISA.** **Western blot** (1/500-1/2,000), recommended starting dilution is 1/1,000. **Immunofluorescence/Immnunocytochemistry.**
Reactivity:	Schistosoma japonicum
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant Glutathione S transferase (GST) purified from*E. coli*
Specificity:	This antibody reacting specifically with GST will be useful in various immunotechniques to identify the expression of a GST fusion protein in bacteria, bacterial lysates or cells and tissues transfected with a GST fusion protein expressing vectors.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P08515

View online »

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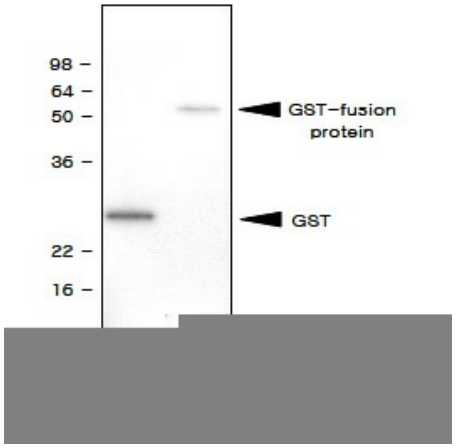
Background: Glutathione S transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. GST proteins can be purified by immobilized glutathione affinity chromatography. Many recombinant proteins have been engineered with GST tags to facilitate the detection, isolation and purification of these proteins.

Synonyms: Glutathione S-transferase Tag, GST26-Tag

Product images:



Western blot analysis: Recombinant GST (28 kDa) and GST-fusion protein (61 kDa) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-GST antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugat

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