

Product datasheet for **SM3155P**

GST-Tag Mouse Monoclonal Antibody [Clone ID: S-tag-05]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S-tag-05
Applications:	IP, WB
Recommended Dilution:	Western blot: 1 µg/ml (Reducing Conditions). <i>Positive Control:</i> GST fusion protein. Immunoprecipitation.
Reactivity:	Escherichia coli, Mammalian, Schistosoma japonicum
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	GST fusion protein.
Specificity:	The GST-Tag monoclonal antibody S-tag-05 detects Glutathione-S-Transferase (GST) from <i>Schistosoma japonicum</i> . It is suitable for detecting fusion proteins containing the GST-Tag sequence expressed in <i>E. coli</i> , Yeast, Mammalian, and <i>in vitro</i> transcription/translation systems. Recognizes fusion proteins in all Species.
Formulation:	PBS, pH 7.4 with 0,05% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction (>95% pure by SDS-PAGE)
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from desoatch.
Database Link:	P08515



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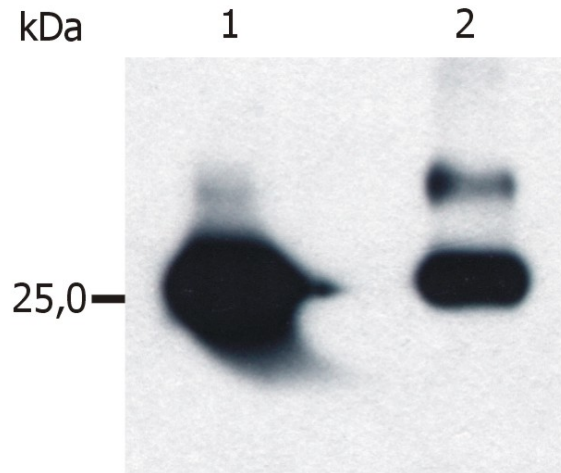
Background:

The GST (Glutathione-S-Transferase) is a 26kDa protein encoded by the parasite *Schistosoma japonicum*, easily purified by affinity chromatography on immobilized glutathione. GST is utilized as a fusion protein with foreign proteins in a range of prokaryotic expression vectors, including the pGEX family of vectors.

Antibodies against GST will detect the expressed GST protein or a GST-fusion protein, and can be utilized for immuno-purification of GST-fusion proteins.

Synonyms:

Glutathione S-transferase Tag, GST26-Tag

Product images:

Isolation of Glutathione-S-Transferase (GST) overexpressed in *E. coli*. Western blot was immunostained by anti-GST (S-tag-05). Lane 1: affinity purification of GST from bacterial cell lysate using commercial sorbent Glutathione-Sepharose Lane 2: affinity purification of GST from bacterial cell lysate using immunosorbent prepared from anti-GST (S-tag-02)