



Datasheet for ABIN535289

## anti-GST antibody



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### Overview

Quantity:	100 µg
Target:	GST
Reactivity:	Schistosoma japonicum
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GST antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Mouse monoclonal antibody raised against GST.
Immunogen:	Glutathione-S-Transferase (GST) fusion protein.
Clone:	S-tag-05
Isotype:	IgG2b
Specificity:	This antibody is a mouse monoclonal antibody with high affinity to the glutathione-S-transferase (GST) from <i>Schistosoma japonicum</i> . This purified antibody is suitable for detecting fusion proteins containing the GST-Tag sequence expressed in <i>E. coli</i> , yeast, mammalian, and in vitro transcription/translation systems. Recognizes fusion proteins in all species.
Purification:	Purified

### Target Details

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## Target Details

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Alternative Name: Glutathione-S-Transferase (GST) ([GST Products](#))

## Application Details

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Application Notes: Western Blot (1 µg/mL)  
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

## Handling

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Buffer: In PBS, pH 7.4 (0.09 % sodium azide)

Storage: 4 °C

Storage Comment: Store at 4°C. Do not freeze.

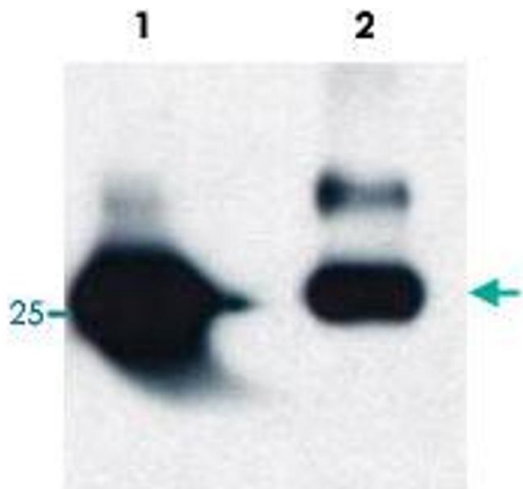
## Publications

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Product cited in: Marie, Billups, Bedford, Dumoulin, Goyal, Longmore, Moss, Attwell: "The amino terminus of the glial glutamate transporter GLT-1 interacts with the LIM protein Ajuba." in: **Molecular and cellular neurosciences**, Vol. 19, Issue 2, pp. 152-64, (2002) ([PubMed](#)).

Descamps, Prigent: "Two mammalian mitotic aurora kinases: who's who?" in: **Science's STKE : signal transduction knowledge environment**, Vol. 2001, Issue 73, pp. pe1, (2001) ([PubMed](#)).

Bischoff, Plowman: "The Aurora/Ipl1p kinase family: regulators of chromosome segregation and cytokinesis." in: **Trends in cell biology**, Vol. 9, Issue 11, pp. 454-9, (2000) ([PubMed](#)).



#### Western Blotting

**Image 1.** Isolation of Glutathione-S-Transferase (GST) overexpressed in *E. coli*. Western blot was immunostained by GST monoclonal antibody, clone 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).