



## Datasheet for ABIN966238 anti-GST antibody



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### 1 Publication

#### Overview

Quantity:	0.1 mg
Target:	GST
Reactivity:	Schistosoma japonicum
Host:	Please inquire
Clonality:	Monoclonal
Conjugate:	This GST antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified recombinant GST expressed in E. Coli strain M15.
Purification:	Antibodies are purified by protein A affinity chromatography

#### Target Details

Target:	GST
Alternative Name:	Glutathione-S-Transferase (GST) ( <a href="#">GST Products</a> )
Background:	Plasmid vectors for the expression of coding regions of eukaryotic genes in E. coli are in common usage, such expression vectors often encode hybrid fusion proteins containing part prokaryotic and part eukaryotic specified proteins. For instance, the pGEX.3X expression vector developed by Smith and Johnson allows for synthesis of fusion proteins between glutathione-S-transferase (GST) and proteins encoded by inserted cDNA sequences. Antibodies derived

## Target Details

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from these GST fusion proteins are useful for checking protein expression both in plaques and on Western blots as well as for immunoaffinity purification of proteins expressed in *E. coli*.

## Application Details

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Application Notes: Western Blot: Dilution 1: 2000- 5,000  
ELISA: Proposed dilution 1: 10,000.  
Determining optimal working dilutions by titration test.

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Restrictions: For Research Use only

## Handling

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Storage: -20 °C

## Publications

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Product cited in: Sproul, Xu, Wilhelm, Gire, Greene: "Cbl negatively regulates JNK activation and cell death." in: **Cell research**, Vol. 19, Issue 8, pp. 950-61, (2009) ([PubMed](#)).

Sanada, Suzuki, Shih, Otsu, Kato, Yamazaki, Tamura, Honda, Sakata-Yanagimoto, Kumano, Oda, Yamagata, Takita, Gotoh, Nakazaki, Kawamata, Onodera, Nobuyoshi, Hayashi, Harada, Kurokawa, Chiba, Mori et al.: "Gain-of-function of mutated C-CBL tumour suppressor in myeloid neoplasms. ..." in: **Nature**, Vol. 460, Issue 7257, pp. 904-8, (2009) ([PubMed](#)).

Loh, Sakai, Flotho, Kang, Fliegau, Archambeault, Mullighan, Chen, Bergstraesser, Bueso-Ramos, Emanuel, Hasle, Issa, van den Heuvel-Eibrink, Locatelli, Stary, Trebo, Wlodarski, Zecca, Shannon et al.: "Mutations in CBL occur frequently in juvenile myelomonocytic leukemia. ..." in: **Blood**, Vol. 114, Issue 9, pp. 1859-63, (2009) ([PubMed](#)).