

For Research Use Only

GST tag Monoclonal ANTIBODY



Catalog Number: 66001-1-Ig **28 Publications**

Basic Information

Catalog Number: 66001-1-Ig	GenBank Accession Number: FN315687	Recommended Dilutions:
Size: 205 µg/150 µl	GenID (NCBI):	
Source: Mouse	Full Name:	
Isotype: IgG2a	Calculated MW: 26 kDa	
Purification Method: Protein A purification	Observed MW:	
Immunogen Catalog Number:		

Applications

Tested Applications: ELISA	Positive Controls:
Cited Applications: IP, WB	
Species Specificity: recombinant protein, schistosoma japonicum	
Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Protein tags are protein or peptide sequences located either on the C- or N-terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. GST (Glutathione S-Transferase) is a widely used protein tag encoded by the Schistosoma japonicum. GST provides both an easily detectable tag and a simple purification process with little effect on the biological function of the protein of interest. Antibodies to GST are useful for checking protein expression both in plaques and on Western blots as well as for immunoprecipitation of proteins expressed in cells. This antibody recognizes the GST-tag fused to either the amino- or carboxy-terminus of targeted proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenchun Fan	27667714	Sci Rep	
Wei Xu	30185588	J Virol	
Xingxing Xu	29076503	Cell Res	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data