

For Research Use Only

GST tag Monoclonal antibody

Catalog Number: 66001-1-Ig **62 Publications**



Basic Information

Catalog Number: 66001-1-Ig	GenBank Accession Number: FN315687	Purification Method: Protein A purification
Size: 150ul , Concentration: 1367 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): Full Name:	CloneNo.: 3B5F8
Source: Mouse	Calculated MW: 26 kDa	
Isotype: IgG2a		

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IP, CoIP

Species Specificity:
recombinant protein, schistosoma japonicum

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 immunoaffinity purification 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	
Qilong Tan	36109631	Oncogene	WB, CoIP
Wei Xu	30185588	J Virol	

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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data