

For Research Use Only

HRP-conjugated GST Tag Monoclonal antibody

Catalog Number:HRP-66001

50 Publications



Basic Information

Catalog Number:

HRP-66001

Concentration:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

FN315687

GeneID (NCBI):

Full Name:

Calculated MW:

26 kDa

Observed MW:

-

Purification Method:

Antigen affinity purification

CloneNo.:

3G12B10

Recommended Dilutions:

WB 1:10000-1:100000

Applications

Tested Applications:

WB

Cited Applications:

WB, IP, CoIP

Species Specificity:

recombinant protein, schistosoma japonicum

Cited Species:

human

Positive Controls:

WB : Recombinant protein,

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. This antibody is conjugated with HRP. Note: Do not add Azium (Sodium Azide or Smite) into the dilution buffer. Azium is the HRP inhibitor which decreases the enzymatic activity of HRP.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaolin Wang	33117724	Front Cell Infect Microbiol	WB
Zhaoyang Li	31666698	Nature	
Zexiao Jia	36300003	iScience	

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

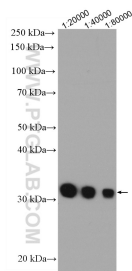
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with HRP-66001 (GST Tag antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.