

For Research Use Only

HRP-conjugated 6*His, His-Tag Monoclonal antibody



Catalog Number: HRP-66005

70 Publications

Basic Information

Catalog Number: HRP-66005	GenBank Accession Number: GeneID (NCBI):	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard;	Full Name: Calculated MW: 1 kDa	CloneNo.: 1B7G5
Source: Mouse		Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1		

Applications

Tested Applications: WB	Positive Controls: WB : Recombinant protein protein,
Cited Applications: Blocking assay, ELISA, WB	
Species Specificity: 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. His-tag is often used for affinity purification and binding assays. Expressed His-tagged proteins can be purified and detected easily because the string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper, under specific buffer conditions. This His-tag antibody is a useful tool for monitoring of the His-tagged proteins, and recognizes His-tags placed at N-terminal, C-terminal, and internal regions of fusion proteins expressed in bacteria, insect, and mammalian cells. 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
Rudolf Hergesheimer	33003404	Cells	
Tao-Tao Yue	34565443	Parasit Vectors	WB
Linyu Sun	34555354	Mol Cell	

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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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)
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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-66005 (6³His, His-Tag antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.