

For Research Use Only

6*His, His-tag Monoclonal antibody

Catalog Number: 60001-1-Ig **5 Publications**



Basic Information

Catalog Number:

60001-1-Ig

Size:

200 µg/ml

Source:

Mouse

Isotype:

IgG2b

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Calculated MW:

1 kDa

Purification Method:

N/A

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

recombinant protein

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. His tags are most 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. As is the case with other protein tag systems, this polyhistidine tag can often be cleaved at sites recognized by proteases such as thrombin and enterokinases to isolate the protein of interest. The 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Wei-Dong Zhao	29895952	Nat Commun	
Ying Ji	29901114	Oncol Rep	WB
Shu-Hong Zhang	30792309	J Biol Chem	

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:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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