PMK Biotechnology co., LTD.
Email: postmaster@biopmk.com
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His-Tag Mouse Monoclonal Antibody(4E6)

Catalog	PMK011M	PMK011S
Quantity	50μL	100μL

Tel : 400-457-3801
E-mail:postmaster@biopmk.com
Web:www.biopmk.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IP, IF	N/A	N/A	IgG

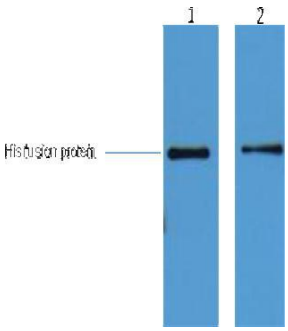
Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. Store at -20°C. Do not aliquot the antibody.

Recommended dilutions: WB: 1:3,000 IP: 1:200 IF: 1:1,000

Optimal dilutions should be determined by the end user.

Specificity: The His tag antibody can recognize C-terminal, internal, and N-terminal His-tag fusion proteins.

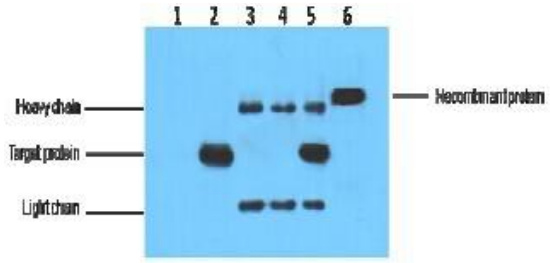
Background: A polyhistidine-tag is an amino acid motif in proteins that consists of at least five histidine (His) residues, often at the N- or C-terminus of the protein. Monoclonal antibodies specific to six histidine tags can greatly improve the effectiveness of several different kinds of immunoassays, helping researchers identify, detect, and purify polyhistidine fusion proteins in bacteria, insect cells, and mammalian cells.



2ug His fusion protein+ Primary antibody dilution at

1 1:5,000

2、1:10,000



IP antibody use 5ug His Mouse IgG1 per ml Lysate WB 1:3000

1 untransfected 293 cell lysate

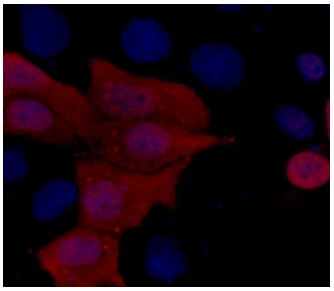
2 transfected 293 cell lysate with His-tag fusion protein

3 IP (untransfected 293+anti-His mAb+ Protein G agarose)

4 IP (transfected 293+ normal Mouse IgG+Protein G agarose)

5 IP (transfected 293+anti-His mAb+ Protein G agarose)

6 Recombinant protein (E.coli)



IF analysis of 293 cells transfected with a His-tag protein, using biopm anti-HisTag Mouse mAb at a 1:1000 dilution (blue DAPI, red anti-His)

Applications: WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation
Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig