



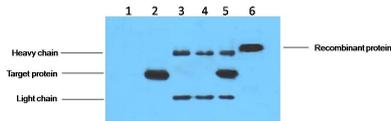
# ELK Biotechnology

His-Tag Mouse mAb  
Catalog NO.: EM1003  
For research use only.

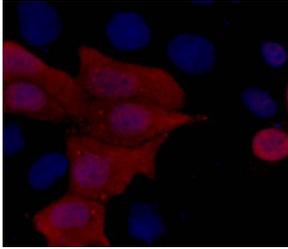
## Overview

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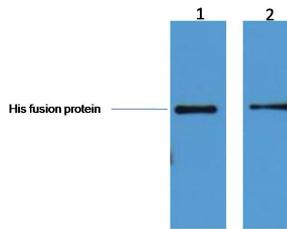
Product name	His-Tag Mouse Monoclonal antibody
Source	Mouse
Applications	WB IP IF ELISA
Species reactivity	N/A
Recommended dilutions	<b>WesternBlot:1/5000</b> <b>Immunoprecipitation:1/200</b> <b>Immunofluorescence:1/1000</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Synthetic Peptide
Species	N/A
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1 mg/ml
Observed band	N/A
GeneID (Human)	N/A
Human Swiss-Prot No.	N/A
Cellular localization	N/A
Alternative Names	N/A
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.



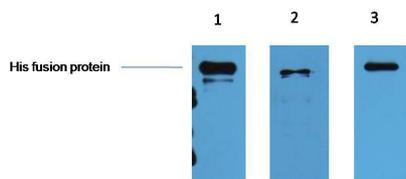
IP antibody use : 5ug His Mouse IgG1 per ml LysateWB:3000 、 untransfected 293 cell lysate 2 、 transfected 293 cell lysate with His-tag fusion protein 3、 IP (untransfected 293+anti-His mAb+ Protein G agarose) 4 、 IP (transfected 293+ normal Mouse IgG+Protein G agarose) 5 、 IP (transfected 293+anti-His mAb+ Protein G agarose) 6 、 Recombinant protein (E.coli)



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



2ug His fusion protein+ Primary antibody dilution at、 1:5000 2、 1:10000



1 、 Multi-Tag Recombinant protein 2 、 293T transfected with His recombinant protein 3、 Insect cell transfected with His recombinant protein