



# ELK Biotechnology

H -T M A  
C NO.: EM1003  
F  
O

P His-Tag Mouse Monoclonal antibody

S Mouse

A B IP IF ELISA

S N/A

R B :1/5000  
:1/200  
:1/1000

NOTE: O

I Synthetic Peptide

S N/A

S PBS with 0.02% sodium azide and 50% glycerol pH 7.4.  
Store at -20 C. Avoid repeated freeze-thaw cycles.

I IgG1

C Monoclonal

C 1 mg/ml

O N/A

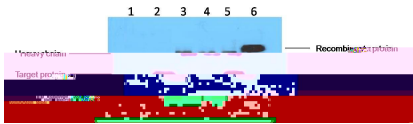
G ID H N/A

H S -P N N/A

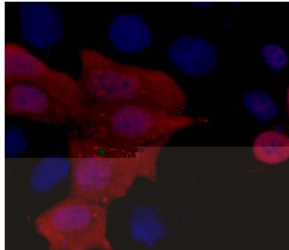
C N/A

A N N/A

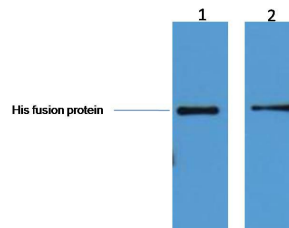
B A polyhistidine-tag is an amino acid motif in proteins that consists of at least five histidine (His) residues often at the N- or C-terminus of the protein. Monoclonal antibodies specific to six histidine tags can greatly improve the effectiveness of several different kinds of immunoassays helping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



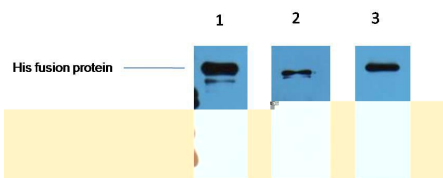
IP antibody use 5ug His Mouse IgG1 per ml Lysate WB:3000  
 untransfected 293 cell lysate 2 transfected 293 cell lysate with His-tag  
 fusion protein 3 IP (untransfected 293+anti-His mAb+ Protein G agarose)  
 4 IP (transfected 293+ normal Mouse IgG+Protein G agarose) 5 IP  
 (transfected 293+anti-His 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