

His-Tag Monoclonal Antibody

His-Tag Mouse Monoclonal Antibody

CATALOG # AAA267089	APPLICATIONS Immunofluorescence, Immunoprecipitation, Western Blot
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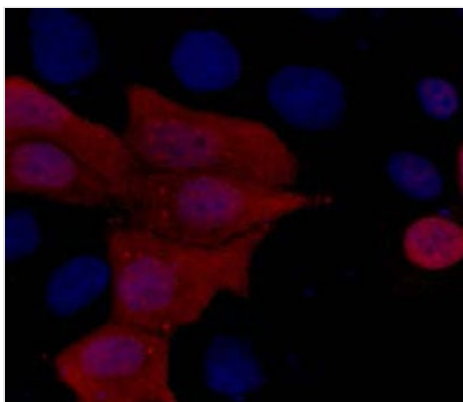
PRODUCT SYNONYMS

His-Tag; Monoclonal Antibody; His-Tag Mouse Monoclonal Antibody; anti-His-Tag antibody

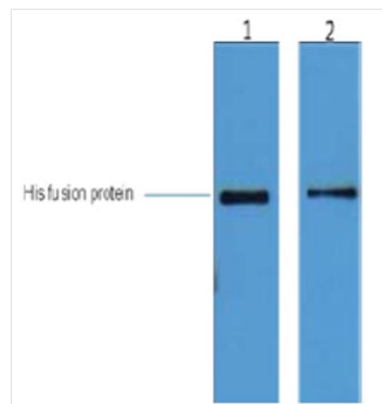
PRODUCT SPECIFICATIONS

Clonality	Monoclonal
Clone Number	4E6
Specificity	The His tag antibody can recognize C-terminal, internal, and N-terminal His-tag fusion proteins.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-His-Tag antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Preparation and Storage	Store at -20 degree C for 1 year

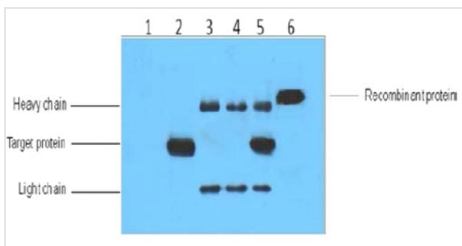
IMAGES


IF (Immunofluorescence)

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


WB (Western Blot)

2ug His fusion protein+ Primary antibody dilution at 1:5,000 (lane 1) and 1:10,000 (lane 2).



IP (Immunoprecipitation)

IP antibody use 5ug His Mouse IgG1 per ml Lysate, WB 1:30001: Untransfected 293 cell lysate2: Transfected 293 cell lysate with His-tag fusion protein3: 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 anti-HisTag Mouse mAb at a 1:1000 dilution (blue DAPI, red anti-His).

ADDITIONAL INFORMATION

Related Product Information for anti-His-Tag antibody

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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/his-tag-antibody-clone-4e6-immunofluorescence-immunoprecipitation-western-blot-elisa/267089>