

Mouse anti-NA His Monoclonal Antibody | anti-His antibody

Anti-His (C-terminal) Tag Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71645	Mouse	NA	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation, ELISA, Western Blot

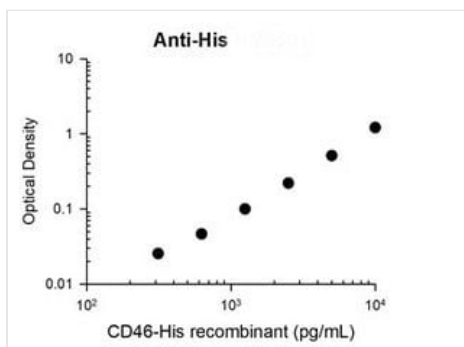
PRODUCT SYNONYMS

His; Monoclonal Antibody; Anti-His (C-terminal) Tag Antibody; anti-His antibody

PRODUCT SPECIFICATIONS

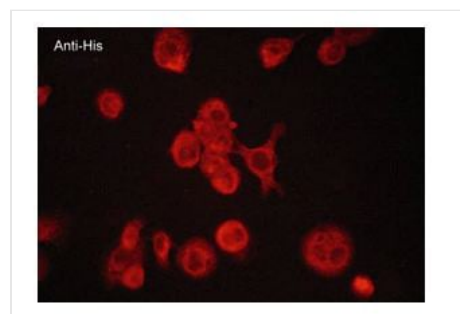
Host	Mouse
Reactivity	NA
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M050
Specificity	Clone M050 detects recombinant proteins with C-terminal His-tag epitope. The antibody binds 6 and 10 His-tag epitopes on the C-terminal side of a protein, but does not bind N-terminal His-tag epitopes. The antibody works for western blot, immunoprecipitation, immunocytochemistry, flow cytometry, and ELISA capture.
Purity/Purification	Protein G chromatography
Form/Format	Mouse monoclonal antibody purified with protein G chromatography is supplied in 100ul phosphate-buffered saline, 50% glycerol, 1mg/ml BSA, and 0.05% sodium azide.
Applicable Applications for anti-His antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Clone (M050) was generated from a recombinant protein containing a C-terminal His-tag.
Preparation and Storage	Store at -20 degree C. Stable for 1 year.

IMAGES



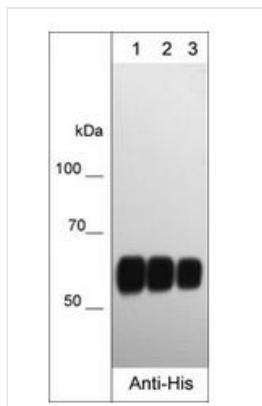
Standard Curve (Sample)

Representative Standard Curve using mouse monoclonal anti-His (C-terminal) Tag antibody (HM0501) for ELISA capture of human recombinant CD46 extracellular region with a C-terminal His-tag. Captured protein was detected using anti-CD46 antibody (CM0371) antibody followed by appropriate secondary antibody HRP conjugate.



ICC (Immunocytochemistry)

Immunocytochemical labeling of Axl recombinant protein with C-terminal His Tag bound to THP1 aldehyde fixed cells. The cells were labeled with mouse monoclonal anti-His (C-terminal) Tag antibody (HM0501). The antibody was detected using goat anti-mouse DyLight 594.



WB (Western Blot)

Western blot of human recombinant DDR1 protein with C-terminal His Tag. The blot was probed with mouse monoclonal anti-His (Cterminal) Tag (HM0501) at 1:2000 (lane 1), 1:4000 (lane 2), and 1:8000 (lane 3).

ADDITIONAL INFORMATION

Related Product Information for anti-His antibody	Epitope tagging (e.g. His-tag) is a technique in which a known epitope is fused to a recombinant protein using genetic engineering. By choosing a particular epitope and recombinant protein combination, epitope tagging makes it possible to detect proteins for which no antibody is available. The 6x His tag is a synthetic oligo peptide consisting of 6 consecutive histidine residues (HHHHHH). A variety of plasmids contain DNA that encodes an amino- or carboxy-terminal tag consisting of six histidine (6xHis) residues followed by an extended multiple cloning site. These plasmids facilitate expression of His-tagged recombinant proteins that can be isolated or purified by immobilized metal affinity chromatography. Anti-His Tag antibodies can be used to detect recombinant proteins with the His-Tag in many different immunoassays, including western blot, immunoprecipitation, immunocytochemistry, immunohistochemistry, flow cytometry, ELISA, and chromatin immunoprecipitation assays.
References	Kroll, D.J. et al. (1993) DNA Cell Biol. 12:441.

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-antibody-clone-m050-flow-cytometry-immunohistochemistry-immunocytochemistry-immunoprecipitation-western-blot-elisa/71645>