

Mouse His Tag Monoclonal Antibody

Anti-His Tag (HIS.H8) Monoclonal Antibody

CATALOG #	HOST	APPLICATIONS
AAA74302	Mouse	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, ELISA, Dot Blot

PRODUCT SYNONYMS

His Tag; Monoclonal Antibody; Anti-His Tag (HIS.H8) Monoclonal Antibody; Anti-His Tag; anti-His Tag antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	HIS.H8
Specificity	Recognizes the epitope of 6x His-tags encoded by many commercially available vectors, regardless of the tag's location in the fusion protein sequences (i.e.: reacts with N-terminal, C-terminal or internal 6x His-tags)
Purity/Purification	Protein A affinity chromatography from mouse ascites fluid
Form/Format	1 mg/ml in 10mM PBS, pH 7.2, with 0.05% NaN3
Applicable Applications for anti-His Tag antibody	WB (Western Blot), IS (Immunostaining), IP (Immunoprecipitation), ELISA, DB (Dot Blot)
Immunogen	HHHHHH (6x His) synthetic peptide conjugated to KLH
Sensitivity	WB (with ECL): 1-2ng of His-tagged fusion proteins
Preparation and Storage	Store at -20 degree C for 2 years or more. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4 degree C for several days to weeks.

IMAGES



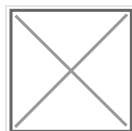
Application Data

Fig. 03 Standard ladder containing five different His-tagged proteins; untransfected control (1), HEK293 cells transfected with His-tagged protein vector (2)



Application Data

Fig. 02 Comparison between anti-His tag (HIS.H8) mAb with 2 different vendor Abs, probed against a standard ladder (Qiagen Cat. No. 34705) containing five different His-tagged proteins. All Ab dilutions are 1:2000 (0.5ug/mL)



Application Data

Fig. 01 LEFT: untransfected control; RIGHT: anti-His (in red) on His-tagged fusion proteins in HEK293 cells. Both counterstained with DAPI (in blue)

ADDITIONAL INFORMATION

Product Categories/Family for anti-His Tag antibody	Epitope Tag mAbs
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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-his-h8-western-blot-immunostaining-immunoprecipitation-dot-blot-elisa/74302>