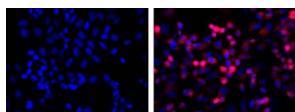


Anti-His Tag Antibody [HIS.H8] (A85277)

Specifications:

Name:	Anti-His Tag Antibody [HIS.H8]
Description:	Mouse monoclonal (HIS.H8) antibody to His Tag.
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).
Applications:	Dot, ELISA, IP, IS, WB
Immunogen:	HHHHHH (6x His) synthetic peptide conjugated to KLH.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	HIS.H8
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein A affinity chromatography from mouse ascites fluid.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline, pH 7.20, with 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

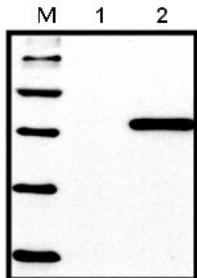
Images:



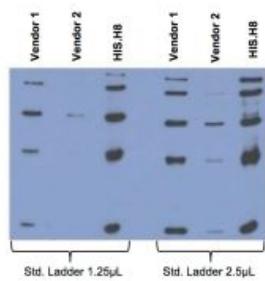
Immunofluorescence (red) with Anti-His Tag Antibody on His-tag fusion protein in HEK293 cells. Left hand panel: untransfected control. Right hand panel: transfected. Counterstained with DAPI (blue).

Anti-His Tag Antibody [HIS.H8] (A85277)

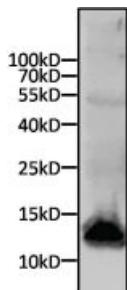
Images continued:



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



Comparison between Anti-His tag (HIS.H8 / EH158) mAb with 2 different vendor Abs, probed against a standard ladder containing five different His-tagged proteins. All Ab dilutions are 1:2000 (0.5µg/ml).



Western blot analysis of a 6x His-tagged protein was performed by loading 15µg of cell lysates from SF9 cells expressing an 11kD 6x-His tagged protein per well onto an SDS-PAGE gel. Proteins were transferred to a nitrocellulose membrane, and blocked in blocking buffer for 1 hour at room temperature. The membrane was probed with Anti-His Tag Antibody at a dilution of 1:500 overnight at 4 degrees celsius, washed in TBST, and probed with an Anti-Mouse IgG secondary antibody conjugated to a near-IR dye. Results were visualized using a near-IR imager.