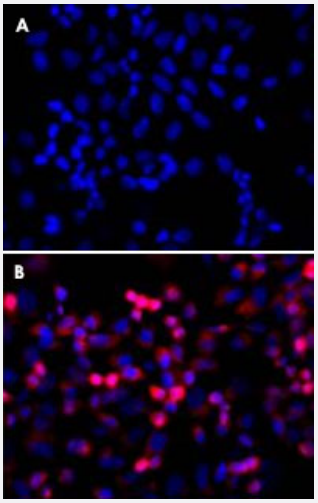
His tag monoclonal antibody, clone HIS.H8

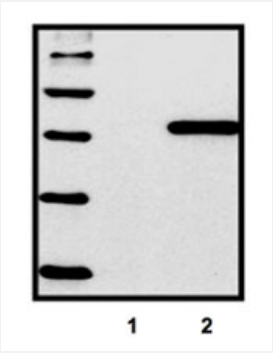
Catalog # MAB9752 Size 100 ug

Applications



Immunofluorescence

Immunofluorescence staining of HEK293 cells.
A: untransfected control.
B: His tag monoclonal antibody, clone HIS.H8 (Cat # MAB9752) (in red) on His-tagged fusion proteins in HEK293 cells. Both counterstained with DAPI (in blue).



Western Blot (Transfected lysate)

Standard ladder containing five different His-tagged proteins; untransfected control (1), HEK293 cells transfected with His-tagged protein vector (2). Blotting with His tag monoclonal antibody, clone HIS.H8 (Cat # MAB9752).

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of His tag.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to His tag.
Host	Mouse

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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).
Form	Liquid
Purification	Protein A purification
Concentration	1 mg/mL
Isotype	IgG2b
Recommend Usage	Western Blot (1:1000-1:3000) Immunohistochemistry (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence

  Immunofluorescence staining of HEK293 cells.
  A: untransfected control.
  B: His tag monoclonal antibody, clone HIS.H8 (Cat # MAB9752) (in red) on His-tagged fusion proteins in HEK293 cells. Both counterstained with DAPI (in blue).

- Enzyme-linked Immunoabsorbent Assay
- Immunoprecipitation
- Western Blot (Transfected lysate)

  Standard ladder containing five different His-tagged proteins; untransfected control (1), HEK293 cells transfected with His-tagged protein vector (2). Blotting with His tag monoclonal antibody, clone HIS.H8 (Cat # MAB9752).

- Dot Blot

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