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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Anti-His Tag

Mouse Monoclonal Antibody

Anti-His Tag (HIS.H8 / EH158)

Catalog #: 25011

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)

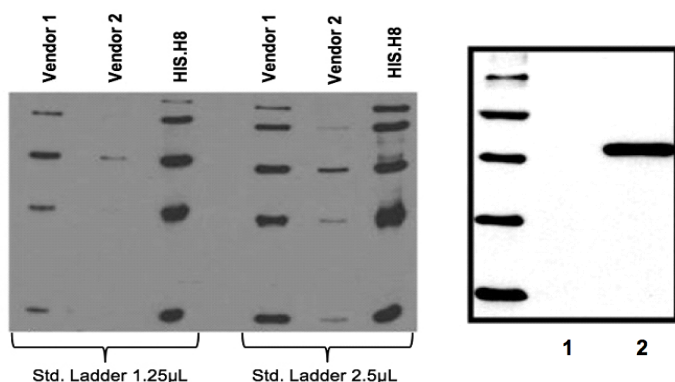
Immunogen:

HHHHHH (6x His) synthetic peptide conjugated to KLH

Applications:

Dot Blot, ELISA, IP, ICC, WB

Images:



Left: Comparison between anti-His tag (HIS.H8 / EH158) 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 (0.5µg/mL).

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

Clonality | Host Species | Isotype:

HIS.H8 / EH158 | Mouse | IgG2b

Formulation:

1mg/mL in 10mM PBS, pH 7.2, with 0.05% NaN₃

Sensitivity:

WB (with ECL): 1-2ng of His-tagged fusion proteins

Working Conditions:

WB (with ECL): 1:1000-3000 dilution (incubate for one hour at room temperature)

ICC: 1:500-2000 dilution

For best results with other assays (e.g.: Dot Blot, ELISA, IP, etc.), please determine optimal working dilution by titration test

Purification:

Protein A affinity chromatography from mouse ascites fluid

Storage and Stability:

Store at -20°C for up to 2 years. Centrifuge after first thaw to maximize product recovery. Aliquot to avoid repeated freeze-thaw cycles. Store aliquots at 4°C for 1-2 weeks

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