



Datasheet for ABIN559683 anti-His Tag antibody



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Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | His Tag |
| Reactivity: | Please inquire |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This His Tag antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunoprecipitation (IP), Dot Blot (DB), Immunostaining (ISt) |

Product Details

| | |
|---------------|---|
| Immunogen: | HHHHHH (6x His) synthetic peptide conjugated to KLH |
| Sequence: | HHHHHH |
| Clone: | HIS-H8 |
| Isotype: | IgG2b |
| 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) |
| Sensitivity: | WB (with ECL): 1-2ng of His-tagged fusion proteins |
| Purification: | Protein A affinity chromatography from mouse ascites fluid |

Target Details

Target: His Tag

Abstract: [His Tag Products](#)

Target Type: Tag

Application Details

Application Notes: WB (with ECL): 1:1000-3000 dilution (incubate for one hour at room temperature) / IS: 1:500-2000 dilution / For best results with other assays (e.g.: Dot, ELISA, IP, etc), please determine optimal working dilution by titration test

Restrictions: For Research Use only

Handling

Concentration: 1mg/mL

Buffer: 10mM PBS, pH 7.2, 0.05% NaN₃

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Publications

Product cited in: Garcia-Verdugo, BenMohamed, Tattermusch, Leduc, Charpigny, Chignard, Ollero, Touqui: "A role for 12R-lipoxygenase in MUC5AC expression by respiratory epithelial cells." in: **The European respiratory journal**, Vol. 40, Issue 3, pp. 714-23, (2012) ([PubMed](#)).

Nigam, Zafiriou, Deva, Kerstin, Geilen, Ciccoli, Sczepanski, Lohse: "Hepoxilin A3 (HXA3) synthase deficiency is causative of a novel ichthyosis form." in: **FEBS letters**, Vol. 582, Issue 2, pp. 279-85, (2008) ([PubMed](#)).

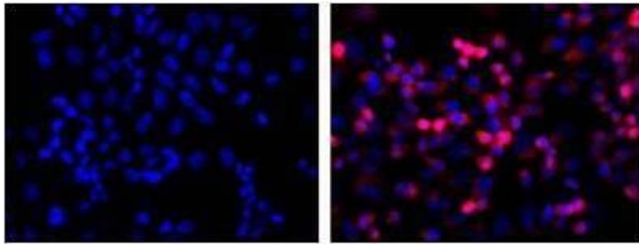
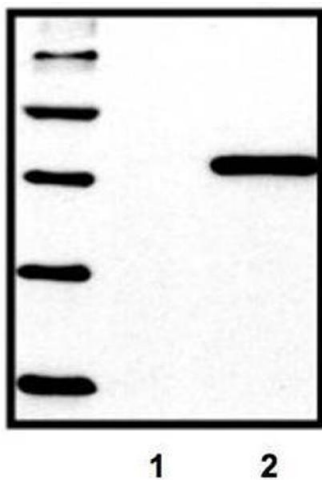


Image 1. LEFT: untransfected control, RIGHT: anti-His (in red) on His-tagged fusion proteins in HEK293 cells. Both counterstained with DAPI (in blue)



Western Blotting

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

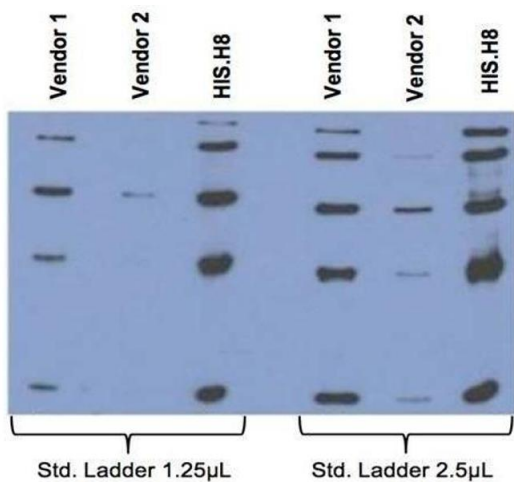


Image 3. Comparison between anti-His tag (HIS.H8 / EH158) mAb with 2 different vendor Abs, probed against a standard ladder (Qiagen Cat. No. 34705) containing five different His-tagged proteins. All Ab dilutions are 1:2000 (0.5 µg/mL)