



Product datasheet

Biotin Anti-6X His tag® antibody [HIS.H8] ab173828

[1 Image](#)

Overview

Product name	Biotin Anti-6X His tag® antibody [HIS.H8]
Description	Biotin Mouse monoclonal [HIS.H8] to 6X His tag®
Host species	Mouse
Conjugation	Biotin
Tested applications	Suitable for: ELISA, IP, ICC/IF, WB
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide corresponding to 6X His tag® aa 1-6. Sequence: HHHHHH <div>  Run BLAST with  Run BLAST with </div>
Positive control	E. coli lysate containing a multi-epitope tagged protein.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Do Not Freeze.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	HIS.H8
Isotype	IgG2b

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab173828 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ICC/IF		1/500 - 1/2000.
WB		1/500 - 1/1000. Predicted molecular weight: 0.8 kDa.

Target

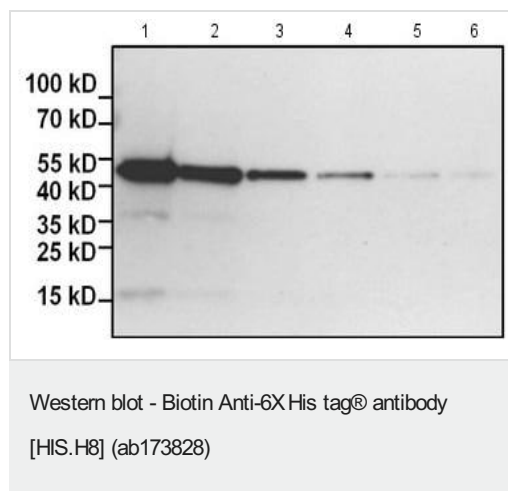
Relevance

The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. His-tags can be fused to the amino- or carboxy- termini of proteins in transfected or transformed cells.

Cellular localization

Depends upon the localization of the parent protein tagged with hexahistidine.

Images



All lanes : Biotin Anti-6X His tag® antibody [HIS.H8] (ab173828) at 1/1000 dilution

Lane 1 : E. coli lysate containing a multi-epitope tagged protein at 0.5 µg

Lane 2 : E. coli lysate containing a multi-epitope tagged protein at 0.25 µg

Lane 3 : E. coli lysate containing a multi-epitope tagged protein at 0.125 µg

Lane 4 : E. coli lysate containing a multi-epitope tagged protein at 0.0599999986588955 µg

Lane 5 : E. coli lysate containing a multi-epitope tagged protein at 0.0299999993294477 µg

Lane 6 : E. coli lysate containing a multi-epitope tagged protein at 0.0149999996647239 µg

Secondary

All lanes : Streptavidin-HRP at 1/20000 dilution

Developed using the ECL technique.

Predicted band size: 0.8 kDa

Note: Predicted MW is for the His tag alone.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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