



Product datasheet

Biotin Anti-HA tag antibody [2-2.2.14] ab173825

[1 Image](#)

Overview

Product name	Biotin Anti-HA tag antibody [2-2.2.14]
Description	Biotin Mouse monoclonal [2-2.2.14] to HA tag
Host species	Mouse
Conjugation	Biotin
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide corresponding to HA tag aa 1-9 conjugated to Ovalbumin. Sequence: YPYDVPDYA <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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Do Not Freeze.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	2-2.2.14
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab173825 in the following tested applications.

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

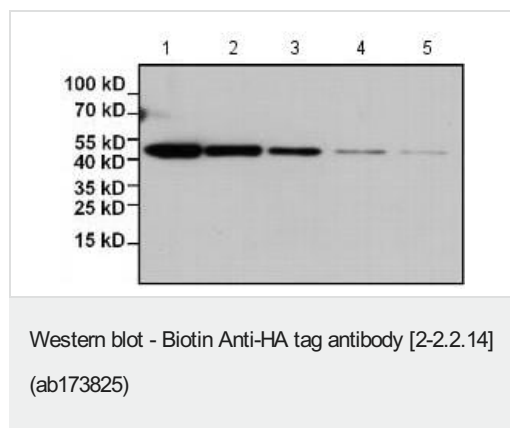
Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 1 kDa.

Target

Relevance

Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

Images



All lanes : Biotin Anti-HA tag antibody [2-2.2.14] (ab173825) at 1/1000 dilution

Lane 1 : E. coli lysate containing a multi-epitope tagged protein at 0.25 µg

Lane 2 : E. coli lysate containing a multi-epitope tagged protein at 0.125 µg

Lane 3 : E. coli lysate containing a multi-epitope tagged protein at 0.0599999986588955 µg

Lane 4 : E. coli lysate containing a multi-epitope tagged protein at 0.0299999993294477 µg

Lane 5 : 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: 1 kDa

Note: Predicted MW is for the HA tag alone.

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

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