

Product datasheet

Anti-HA tag antibody ab20084

★★★★★ [2 Abreviews](#) [17 References](#) [1 Image](#)

Overview

Product name	Anti-HA tag antibody
Description	Rabbit polyclonal to HA tag
Host species	Rabbit
Tested applications	Suitable for: ELISA, ICC/IF, WB
Species reactivity	Reacts with: Species independent
Immunogen	Synthetic peptide corresponding to HA tag (internal sequence) conjugated to keyhole limpet haemocyanin. Sequence: YPYDVPDYA

 [Run BLAST with](#)

 [Run BLAST with](#)

General notes

The antibody ab20084 is able to recognise the HA epitope when used to tag other proteins.

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Primary antibody notes	The antibody ab20084 is able to recognise the HA epitope when used to tag other proteins.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab20084 in the following tested applications.

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

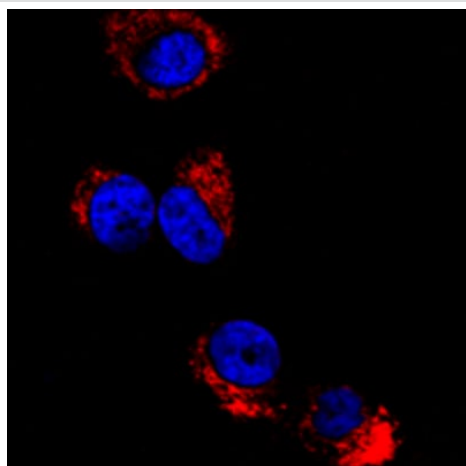
Application	Abreviews	Notes
ELISA		1/70000. The anti HA diluted 1/70,000 gave an OD=1.0 in a 15 minute reaction against peptide conjugated with a different carrier than used for anti peptide purification.
ICC/IF	★★★★★ (1)	Use at an assay dependent dilution.
WB	★★★★★ (1)	1/5000. Predicted molecular weight: 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



Immunocytochemistry/ Immunofluorescence - Anti-HA tag antibody (ab20084)

Image from Wu CY et al., PLoS One. 2010 Mar 22;5(3):e9784. doi: 10.1371/journal.pone.0009784.; Fig 1.; March 22, 2010, PLoS ONE 5(3): e9784.

Immunofluorescence analysis of influenza virus-like particle producer cells, staining Hemagglutinin (red) with ab20084.

Cells were fixed in paraformaldehyde for 10 min and permeabilized in 0.05% Triton-X 100 for 1 min. After blocking with 1% gelatin, the cells were incubated with primary antibody, followed by incubation with Cy3-conjugated goat anti-rabbit IgG as the secondary antibody.

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

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