

Product datasheet

Anti-HA tag antibody ab137838

9 References 3 Images

Overview

Product name	Anti-HA tag antibody
Description	Rabbit polyclonal to HA tag
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF, IP
Species reactivity	Reacts with: Species independent
Immunogen	A synthetic peptide from influenza hemagglutinin epitope: YPYDVPDYA. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HA-recombinant protein transfected HeLa cells; HA-tagged protein.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.025% Proclin Constituents: PBS, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab137838** 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
WB		1/500 - 1/3000.
ICC/IF		1/100 - 1/1000.

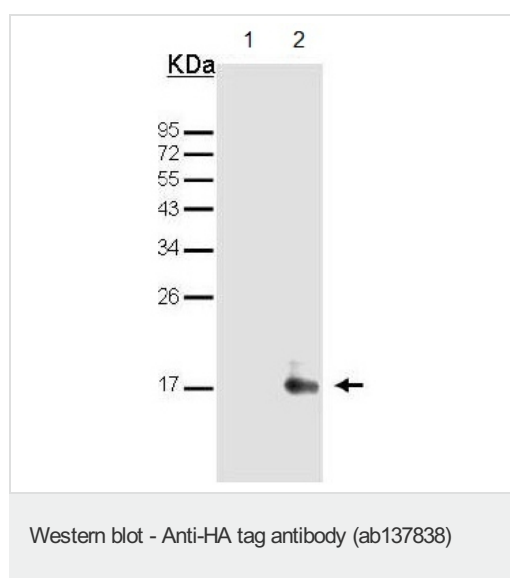
Application	Abreviews	Notes
IP		1/500.

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

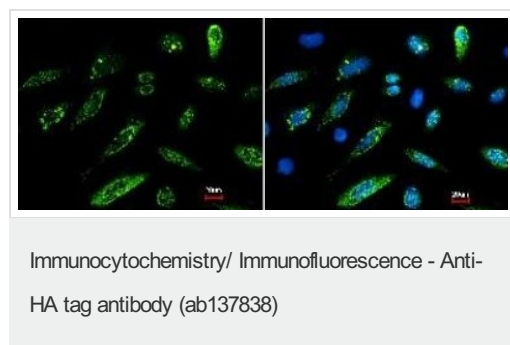


All lanes : Anti-HA tag antibody (ab137838) at 1/2000 dilution

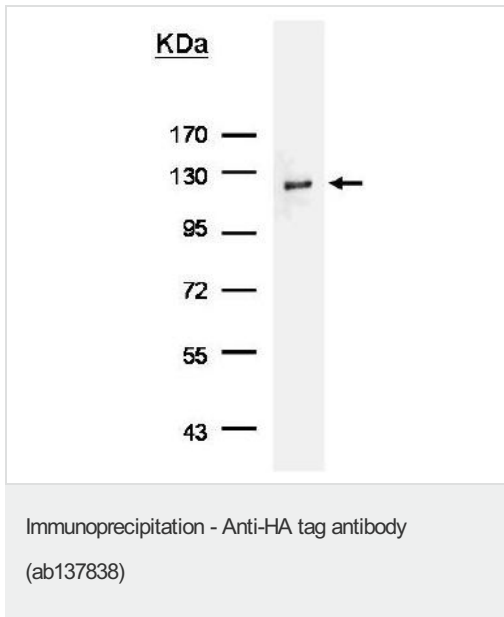
Lane 1 : Cell extracts from non-transfected cell line

Lane 2 : Cell extracts from cell line transfected for HA-tagged protein

12% SDS PAGE



Immunofluorescence analysis of transfected paraformaldehyde-fixed HeLa cells, labelling HA-recombinant protein using ab137838 antibody at 1/500 dilution. Right panel costained with Hoechst 33342.



HA-tagged protein was immunoprecipitated from transfected cells using 5 ug of ab137838. The precipitated HA-tagged protein was detected using ab137838 diluted at 1/1000.

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