abcam

Product datasheet

Anti-HA1(H5N1) antibody [2B7] ab210953

2 Images

Overview

Product name	Anti-HA1(H5N1) antibody [2B7]
Description	Mouse monoclonal [2B7] to HA1(H5N1)
Host species	Mouse
Specificity	ab210953 specifically recognizes HA1(H5N1) recombinant protein, but not interacted HA1(H1N1) and HA1(H3N2) recombinant protein in ELISA. Cross-reactivity has not been tested in other H5N1 types.
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Influenza A
Immunogen	Recombinant fragment corresponding to HA1(H5N1) aa 1-400. Purified from Baculovirus. Database link: **A9YU04**
Positive control	HA1(H5N1) recombinant protein.
General notes	This product was changed from ascites to tissue culture supernatant on 24/01/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team. 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 10% Glycerol, 89% PBS
Purity	Protein G purified

Clonality	Monoclonal
Clone number	2B7
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab210953 in the following tested applications.

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

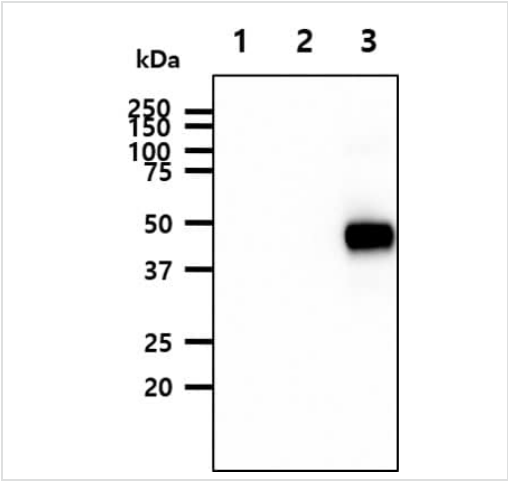
Application	Abreviews	Notes
WB		Use at an assay dependent concentration.

Target

Relevance Hemagglutinin (HA) from influenza virus causes membrane fusion of the viral membrane with the host membrane. HA is a homotrimeric integral membrane glycoprotein. HA monomers are synthesized as precursors that are then glycosylated and cleaved into two smaller polypeptides: the HA1 and HA2 subunits. Each HA monomer consists of a long, helical chain anchored in the membrane by HA2 and topped by a large HA1 globule. There are at least 16 different HA antigens; the subtypes are labeled H1 through H16. HA1(H5N1) is a subtype of the influenza A virus.

Cellular localization Virion membrane; Single-pass type I membrane proteinPotential. Apical cell membrane; Single-pass type I membrane protein.

Images



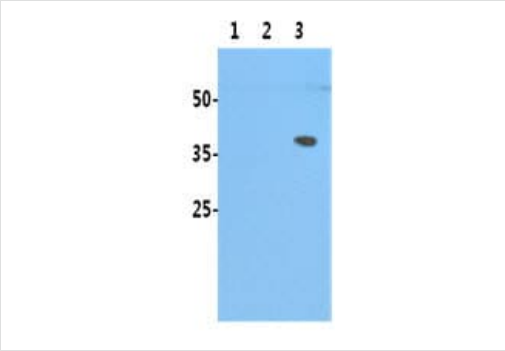
Western blot - Anti-HA1(H5N1) antibody [2B7] (ab210953)

All lanes : Anti-HA1(H5N1) antibody [2B7] (ab210953) at 1/1000 dilution

Lane 1 : H1N1 recombinant protein
Lane 2 : H3N2 recombinant protein
Lane 3 : H5N1/HA1 recombinant protein

Lysates/proteins at 0.05 µg per lane.

Secondary
All lanes : goat anti-mouse secondary antibody conjugated to HRP



Western blot - Anti-HA1(H5N1) antibody [2B7] (ab210953)

All lanes : Anti-HA1(H5N1) antibody [2B7] (ab210953) at 1/3000 dilution

Lane 1 : HA1(H1N1) recombinant protein
Lane 2 : HA1(H3N2) recombinant protein
Lane 3 : HA1(H5N1) recombinant protein

Lysates/proteins at 0.05 µg per lane.

Secondary
All lanes : goat anti-mouse HRP

Developed using the ECL technique.

This image was produced using the ascites version of this antibody.

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

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