

Product datasheet

Anti-Influenza A H1N1 Neuraminidase antibody ab91646

1 Image

Overview

Product name	Anti-Influenza A H1N1 Neuraminidase antibody
Description	Rabbit polyclonal to Influenza A H1N1 Neuraminidase
Host species	Rabbit
Specificity	ab91646 detects Neuraminidase protein from the seasonal influenza A (H1N1). It will not crossreact with peptide corresponding to the swine origin influenza (H1N1) Neuraminidase.
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Influenza A
Immunogen	Synthetic peptide from the seasonal Influenza A H1N1 Neuraminidase protein (Genbank accession ACA33620).

General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as customer reviews and Q&As.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	Affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab91646** 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
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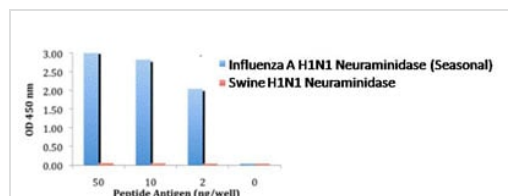
ELISA

Application notes	ELISA: Use at a concentration of 1 µg/ml. Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.
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Target

Relevance Influenza A virus is a major public health threat, killing more than 30,000 people per year in the USA. Influenza A virus has one of sixteen possible Hemagglutinin (HA) surface proteins and one of nine possible neuraminidase (NA) surface proteins. The Hemagglutinin protein facilitates viral attachment while neuraminidase is involved in viral release. These proteins also elicit immune responses that prevent infection or independently reduce viral replication.

Images



ELISA - Anti-Influenza A H1N1 Neuraminidase antibody (ab91646)

ab91646, at 1 µg/ml, detects 2 ng of free Influenza A H1N1 Neuraminidase peptide by ELISA.

The blocking and corresponding peptides were used at 50, 10, 2 and 0 ng/ml.

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

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- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors