Product datasheet

Anti-Influenza A H1N1 Neuraminidase antibody
ab91646

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).

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Store at +4°C.

Storage buffer
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.

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1 Image
**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.

**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**

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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