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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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.

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