Product datasheet

Anti-Influenza A Virus Hemagglutinin H1 antibody ab91531

Overview

Product name: Anti-Influenza A Virus Hemagglutinin H1 antibody
Description: Rabbit polyclonal to Influenza A Virus Hemagglutinin H1
Host species: Rabbit
Specificity: ab91531 is specific for the seasonal Influenza A Virus Hemagglutinin H1 and does not cross-react with Swine Influenza A (H1N1) Hemagglutinin.
Tested applications: Suitable for: ELISA, WB
Species reactivity: Reacts with: influenza A
Immunogen: A synthetic peptide from Influenza A Virus Hemagglutinin H1 (Genbank ACA28844).
Positive control: Influenza A Virus Hemagglutinin H1

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C.
Storage buffer: Preservative: 0.02% Sodium azide
Consituent: 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 ab91531 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. ab91531 will detect 2 ng of free peptide at 1 µg/ml. WB: Use at a concentration of 2 µg/ml. Predicted molecular weight: 63 kDa.

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. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. In natural infection, inactive HA is matured into HA1 and HA2 outside the cell by one or more trypsin-like, arginine-specific endoprotease secreted by the bronchial epithelial cells.

**Images**

**All lanes**: Anti-Influenza A Virus Hemagglutinin H1 antibody (ab91531) at 2 µg/ml

**Lane 1**: Recombinant Influenza A Virus Hemagglutinin H1

**Lane 2**: Recombinant Swine A Virus Hemagglutinin H1

**Predicted band size**: 63 kDa

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

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