Product datasheet

Anti-Swine Influenza A Hemagglutinin antibody
ab91641

Overview

Product name
Anti-Swine Influenza A Hemagglutinin antibody

Description
Rabbit polyclonal to Swine Influenza A Hemagglutinin

Host species
Rabbit

Specificity
Specific for the Swine Influenza A (H1N1) Hemagglutinin. Does not bind the corresponding Hemagglutinin from seasonal H1N1 influenza virus.

Tested applications
Suitable for: ELISA, WB

Species reactivity
Reacts with: influenza A

Immunogen
Synthetic peptide containing the sequence specific to Swine Influenza A (H1N1) Hemagglutinin (ACQ76314).

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

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab91641 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 - 2 µg/ml.
WB: Use at a concentration of 2 µg/ml. Predicted molecular weight: 61 kDa.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Relevance

In early 2009, a novel swine-origin influenza A (H1N1) virus was identified in specimens obtained from patients in Mexico and the United States. The virus spread quickly around the world and on June 11, 2009, the World Health Organization declared it a pandemic. 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

Western blot - Anti-Swine Influenza A Hemagglutinin antibody (ab91641)

All lanes: Anti-Swine Influenza A Hemagglutinin antibody (ab91641) at 2 µg/ml

Lane 1: Recombinant seasonal influenza Hemagglutinin
Lane 2: Recombinant Swine Influenza A (H1N1) Hemagglutinin

Predicted band size: 61 kDa

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

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