Anti-Avian Influenza Matrix Protein I antibody ab25918

Overview

Product name
Anti-Avian Influenza Matrix Protein I antibody

Description
Rabbit polyclonal to Avian Influenza Matrix Protein I

Host species
Rabbit

Tested applications
Suitable for: WB, ICC/IF

Species reactivity
Reacts with: Other species

Immunogen
Synthetic peptide:
SGPLKAEIAQRLEDVFAGKN
, corresponding to amino acids 9-28 of Chicken Avian Influenza Matrix Protein 1.

Positive control
Recombinant fusion protein.

Properties

Form
Liquid

Storage instructions

Storage buffer
Preservative: 0.05% Sodium azide
Constituent: 0.05% BSA

Purity
Protein G purified

Purification notes
This antibody was purified by chromatography.

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab25918 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
An H6N1 influenza virus was isolated from a green-winged teal during the H5N1 outbreak in Hong Kong Special Administrative Region (SAR) in 1997. This virus possesses similar genes encoding internal proteins as in the human H5N1 and H9N2 influenza viruses. In 1999, influenza viruses from quail infected two humans in Hong Kong, suggesting the potential for avian influenza viruses to cross the species barrier and infect humans without prior reassortment in an intermediate host, such as the pig. The common features shared by H5N1 and H9N2 influenza viruses isolated from humans are the genes encoding the proteins of the replicating complex, the matrix protein (M) gene, the nonstructural protein (NS) gene, N1 neuraminidase (NA). This virus essentially represents the reemergence of the H5N1 influenza viruses with a different hemagglutinin (HA).

### Images

#### Western blot

All lanes: Anti-Avian Influenza Matrix Protein I antibody (ab25918) at 0.5 µg/ml (Western blot analysis of Avian Flu Matrix Protein 1.)

Lane 1: Recombinant fusion protein containing amino acids 9-28 (A). at 0.1 µg

Lane 2: Fusion partner without these amino acids (B).

Predicted band size: 27 kDa

#### Immunofluorescence

Immunofluorescence staining of influenza infected MDCK cells using ab25918 at 1/10 dilution. Image courtesy of Catherine Thompson, The University of Reading.
Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- 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