

## Product datasheet

# Anti-Avian Influenza Matrix Protein I antibody ab25919

[2 References](#) [1 Image](#)

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-Avian Influenza Matrix Protein I antibody  |
| <b>Description</b>         | Rabbit polyclonal to Avian Influenza Matrix Protein I   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Influenza A   |
| <b>Immunogen</b>           | Synthetic peptide corresponding to Avian Influenza Matrix Protein I aa 212-225.<br>Sequence:<br>GTQPSSSAGLKDDL<br><br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>   |
| <b>Positive control</b>    | Recombinant fusion protein containing amino acids 212-225 from Avian influenza virus matrix protein I.  |
| <b>General notes</b>       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.4<br>Preservative: 0.05% Sodium azide<br>Constituents: PBS, 0.2% Gelatin  |
| <b>Purity</b>               | Protein G purified  |
| <b>Purification notes</b>   | Protein G chromatography purified IgG.  |
| <b>Clonality</b>            | Polyclonal  |

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab25919 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

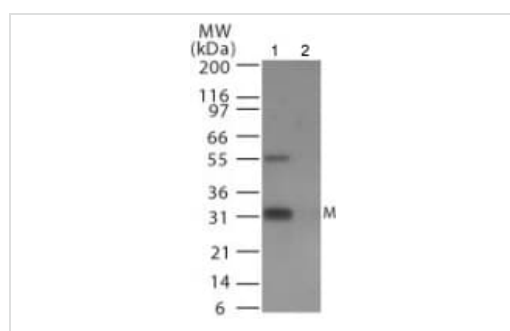
| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 29 kDa. |

## Target

### Relevance

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 - Anti-Avian Influenza Matrix Protein I antibody (ab25919)

**All lanes :** Anti-Avian Influenza Matrix Protein I antibody (ab25919) at 0.5 µg/ml

**Lane 1 :** Recombinant fusion protein containing amino acids 212-225 of avian flu matrix protein 1.

**Lane 2 :** Recombinant fusion protein without amino acids 212-225 of avian flu matrix protein 1.

**Predicted band size:** 29 kDa

**Observed band size:** ~32 kDa

**Additional bands at:** ~55 kDa. We are unsure as to the identity of these extra bands.

**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**

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- Replacement or refund for products not performing as stated on the datasheet
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- 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

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