Product datasheet

Anti-Influenza A Virus antibody ab20841

Product name: Anti-Influenza A Virus antibody
Description: Goat polyclonal to Influenza A Virus
Host species: Goat

Tested applications:
- Suitable for: ICC/IF, IHC-P, Conjugation

Species reactivity:
- Reacts with: Influenza A

Immunogen: Influenza A virus. Strain: USSR (H1N1).

Overview

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: pH: 7.20
Preservative: 0.1% Sodium azide
Constituent: 0.0268% PBS
Purity: Ion Exchange Chromatography

Purification notes: >95% pure. Sodium sulfate precipitation and ion-exchange chromatography.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab20841 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>ICC/IF</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>IHC-P</td>
<td>1/300.</td>
<td>This product may be used in place of neat antiserum in almost any appropriate antibody-based technique.</td>
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**Relevance**

Influenza A and B are the two types of influenza viruses that cause epidemic human disease. Influenza type C infections cause a mild respiratory illness and are not thought to cause epidemics. Influenza A viruses are further categorized into subtypes on the basis of two surface antigens: hemagglutinin (H) and neuraminidase (N). Strains are also described by geographic origin, strain number and year of isolation.

**Cellular localization**

Nuclear

**Images**

ab20841 staining Influenza A Virus in reconstructed 1918 H1N1 influenza infected Mouse lung tissue sections by Immunohistochemistry. Tissue was fixed with 10% neutral-buffered formalin and embedded in paraffin. Slides were deparaffinized, rehydrated in water, steam antigen retrieved in pH 6 citrate buffer, and blocked with 3% H₂O₂. Samples were incubated with primary antibody (1/500) for 1 hour at room temperature. Top - EUK-207 treated mouse, 8 days postinfection, Bottom uninfected mouse control. Brown staining indicates positive staining in cell's cytoplasm and/or nucleus. Cellular debris is also frequently positive.

**Notes**

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

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