**Product datasheet**

**Anti-Influenza A Virus antibody ab20841**

[3 stars] 1 Abreviews  17 References  1 Image

### Overview

**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).

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

**Target**

**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.

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