Anti-Respiratory Syncytial Virus antibody [2F7] ab43812

Overview

Product name: Anti-Respiratory Syncytial Virus antibody [2F7]
Description: Mouse monoclonal [2F7] to Respiratory Syncytial Virus
Host species: Mouse
Tested applications: Suitable for: WB, IHC-Fr, ICC/IF, ELISA
Species reactivity: Reacts with: Respiratory syncytial virus
Immunogen: Recombinant FP

General notes:
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.

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&As.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: Constituents: 0.75% Glycine, 1.21% Tris, 2% Sucrose
Purity: Protein A purified
Clonality: Monoclonal
Clone number: 2F7
Isotype: IgG1
Light chain type: kappa

Applications

The Abpromise guarantee: Our Abpromise guarantee covers the use of ab43812 in the following tested applications.
Respiratory syncytial virus (RSV) is a major cause of respiratory illness in young children. RSV infection produces a variety of signs and symptoms involving different areas of the respiratory tract, from the nose to the lungs. RSV is a negative sense, enveloped RNA virus. The virion is variable in shape and size with average diameter of between 120 and 300 nm. The 63 kD RSV fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, results in viral penetration, and can direct fusion of infected cells with adjoining cells, resulting in the formation of syncytia or multi nucleated giant cells.

**Application**

<table>
<thead>
<tr>
<th>Application</th>
<th>Abviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-Fr</td>
<td></td>
<td>1/100 - 1/500.</td>
</tr>
<tr>
<td>ICC/IF</td>
<td></td>
<td>1/100 - 1/500. Immunocytology on infected cells.</td>
</tr>
</tbody>
</table>

**Target**

**Relevance**

Respiratory syncytial virus (RSV) is a major cause of respiratory illness in young children. RSV infection produces a variety of signs and symptoms involving different areas of the respiratory tract, from the nose to the lungs. RSV is a negative sense, enveloped RNA virus. The virion is variable in shape and size with average diameter of between 120 and 300 nm. The 63 kD RSV fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, results in viral penetration, and can direct fusion of infected cells with adjoining cells, resulting in the formation of syncytia or multi nucleated giant cells.

**Cellular localization**

Virion. Host cytoplasm

**Images**

Immunofluorescent staining of Respiratory Syncytial Virus F protein Bound to HeLa cells using ab43812. Respiratory Syncytial Virus F protein was visualized in green and Respiratory Syncytial N protein in red.

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

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