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**
Respiratory Syncytial Virus (RSV) strains (Paramyxovirus 1, 2 & 3). No cross-reactivity with other respiratory viruses.

**Immunogen**
Recombinant FP

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

Our Abpromise guarantee covers the use of ab43812 in the following tested applications.

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

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<th>Application</th>
<th>Abreviews</th>
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<td>IHC-Fr</td>
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<td>1/100 - 1/500.</td>
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11 References 1 Image
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 kDa RSV fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, resulting 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.

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