Product datasheet

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>
<th>Notes</th>
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<td>IHC-Fr</td>
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<td>1/100 - 1/500.</td>
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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.

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