Product datasheet

Anti-Respiratory Syncytial Virus G Glycoprotein antibody [RSV133] ab94966

Overview

Product name          Anti-Respiratory Syncytial Virus G Glycoprotein antibody [RSV133]
Description          Mouse monoclonal [RSV133] to Respiratory Syncytial Virus G Glycoprotein
Host species        Mouse
Tested applications Suitable for: ELISA, WB, ICC/IF, IHC-Fr
Species reactivity  Reacts with: Other species
Immunogen           Human Respiratory Syncytial Virus strain A2 infected HeLa cells
General notes        Fusion partner: PS-NS/1-Ag4

ab94966 is useful for the identification and location of expression of the G glycoprotein of Human Respiratory Syncytial Virus (HRSV) of both sub-groups A and B. This antibody confers passive protection against HRSV of both subgroups in an animal model of hRSV infection.

Properties

Form                Liquid
Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer      Constituent: PBS
Purity              Protein A purified
Primary antibody notes ab94966 is useful for the identification and location of expression of the G glycoprotein of Human Respiratory Syncytial Virus (HRSV) of both sub-groups A and B. This antibody confers passive protection against HRSV of both subgroups in an animal model of hRSV infection.
Clonality           Monoclonal
Clone number        RSV133
Isotype             IgG1

Applications

Our Abpromise guarantee covers the use of ab94966 in the following tested applications.
Relevance
Respiratory Syncytial Virus (RSV) G Glycoprotein attaches the virion to the host cell membrane by interacting with heparan sulfate, initiating the infection. It interacts with host CX3CR1, the receptor for the CX3C chemokine fractalkine, to modulate the immune response and facilitate infection. Unlike the other paramyxovirus attachment proteins, it lacks both neuraminidase and hemagglutinating activities.

Cellular localization
Virion membrane. Host cell surface

Target

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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Terms and conditions

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<th>Application</th>
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<td>ELISA</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>WB</td>
<td>Use at an assay dependent concentration. Predicted molecular weight: 33 kDa.</td>
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<tr>
<td>ICC/IF</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>IHC-Fr</td>
<td>Use at an assay dependent concentration. Fix with Acetone.</td>
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