**Product datasheet**

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

3 References

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### 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

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Target

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

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