

Product name

Anti-RSV-F / Fusion Glycoprotein antibody

Immunogen

[RSV RSV-F / Fusion Glycoprotein \(His Tag\)](#)

Specificity

Human respiratory syncytial virus (RSV) Fusion glycoprotein / RSV-F

Has cross-reactivity with recombinant F protein of A type of long strain, A2 strain (502814), RSS2 strain (502155) and B type of B1 strain in ELISA assay

Antibody description

Rabbit monoclonal to RSV-F / Fusion Glycoprotein

Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human respiratory syncytial virus (RSV) Fusion glycoprotein / RSV-F (AAB59858.1; Met1-Thr529) and was produced using recombinant antibody technology.

Formulation

0.2 µm filtered solution in PBS

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Rabbit IgG

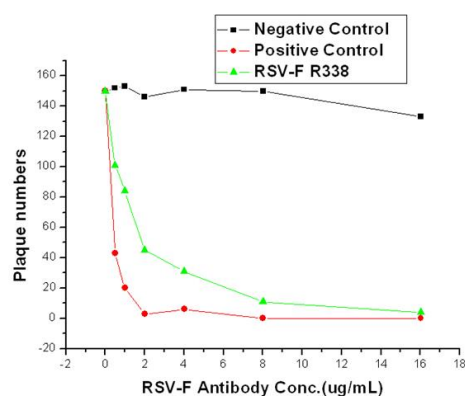
Applications

MN

Dilutions

Microneutralization (MN) - The RSV F protein Neutralizing Antibody can effectively neutralize Human RSV A type A2 strain virus from infecting the Vero cells.

Validations



Human respiratory syncytial virus (RSV) Fusion glycoprotein / RSV-F Neutralizing Antibody

The neutralization activity of RSV F protein antibody is Measured by Microneutralization test in vitro. The infection of VERO cells induced by 140-160 pfu of RSV A-A2 strain is neutralized by increasing concentrations of anti RSV Monoclonal Antibody (Catalog: 11049-R338). The neutralizing titer (IC50) of antibody is 0.6-2.3 µg/mL.

Negative Control: VERO cells were infected with 140-160 pfu of RSV A-A2 strain;

Positive Control: The RSV (140-160 pfu A-A2 strain) infection in VERO cells was inhibited by serial dilutions of positive Neutralizing Antibody;

RSV-F R338: The RSV (140-160 pfu A-A2 strain) infection in VERO cells was inhibited by serial dilutions of RSV-F R338.

Plaque numbers represent number of Plaque-

Anti-RSV-F / Fusion Glycoprotein antibody



Catalog Number: 100176

forming units with or without antibody.