

**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**

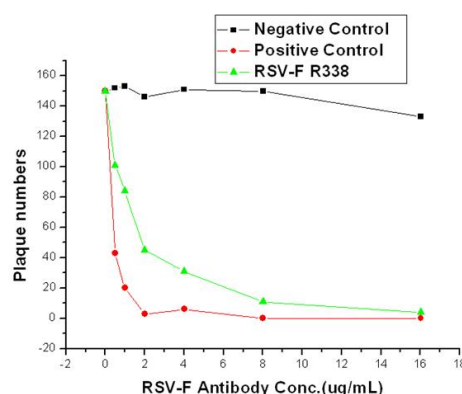
Rabbit IgG

**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

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forming units with or without antibody.