

## Product Information

**Size:**

50ug

**Reactivity:**

Human respiRatory syncytial virus A

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein Background:**

During virus entry, induces fusion of viral and cellular membranes leading to delivery of the nucleocapsid into the cytoplasm. The fusogenic activity is inactive until entry into host cell endosome, where a furin-like protease cleaves off a small peptide between F1 and F2. Interacts directly with heparan sulfate and may participate in virus attachment. Furthermore, the F2 subunit was identified as the major determinant of RSV host cell specificity. Later in infection, proteins F expressed at the plasma membrane of infected cells can mediate fusion with adjacent cells to form syncytia, a cytopathic effect that could lead to tissue necrosis. The fusion protein is also able to trigger p53-dependent apoptosis.

**Gene ID:**

F

**Uniprot**

P03420

**Synonyms:**

Fusion glycoprotein F0 (Protein F) [Cleaved into: Fusion glycoprotein F2'; Interchain peptide; Fusion glycoprotein F2; Fusion glycoprotein F1], F

**Immunogen:**

Recombinant Human respiratory syncytial virus A Fusion glycoprotein F0 protein (27-529AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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N/A

N/A