



Respiratory Syncytial Virus, M2 Protein (RSV)

Catalog number

R1600-55A

Supplier

United States Biological

Respiratory syncytial virus (RSV) is a major cause of respiratory illness in young children. RSV infection produces a variety of signs and symptoms involving different areas of the respiratory tract, from the nose to the lungs. RSV is a negative sense, enveloped RNA virus. The virion is variable in shape and size with average diameter of between 120 and 300 nm. The 63 kD RSV fusion protein of the RSS 2 strain (subtype A) directs fusion of viral and cellular membranes, results in viral penetration, and can direct fusion of infected cells with adjoining cells, resulting in the formation of syncytia or multi nucleated giant cells.

Applications:

Suitable for use in Western Blot. Other applications not tested.

Recommended Dilution

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, add sterile glycerol (40-50%), aliquot and store at -20°C. Aliquots are stable for at least 3 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Synthetic peptide corresponding to human Respiratory Syncytial Virus (RSV) M2 protein.

Formulation

Supplied as a liquid in PBS, 0.02% sodium azide.

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes human RSV M2.

Product Type

Pab

Source

human

Isotype

IgG

**Grade**

Affinity Purified

Applications

WB

Crossreactivity

Hu

Storage

-20°C