

Monoclonal Antibody to Respiratory Syncytial Virus (RSV) - Ascites

Catalog No.: AM10215SU-N

Quantity: 0.2 ml

Background: 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.

Host / Isotype: Mouse / IgG1

Clone: 2F7

Immunogen: Recombinant FP

Format: **State:** Lyophilized powder
Preservatives: None
Reconstitution: Restore in distilled water.

Applications: **ELISA:** 1/2000-1/10000.
Western Blot: 1/500-1/5000.
Immunocytochemistry on infected cells (IF): 1/100-1/500.
Immunohistochemistry on Frozen Sections: 1/100-1/500.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: Recognizes 2 fusion proteins F0 (70 kDa) and F1 (48 kDa) subunits of the RSV present on RSV strains (Paramyxovirus 1, 2 & 3).
No cross reaction with other respiratory viruses.

Storage: Prior to reconstitution store the antibody at -20°C.
Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.