

Product datasheet for **BM3225**

Respiratory Syncytial Virus / RSV strain Long (Fusion protein) Mouse Monoclonal Antibody [Clone ID: 681]

Product data:

Product Type:	Primary Antibodies
Clone Name:	681
Applications:	ELISA, IF
Recommended Dilution:	Suitable for use in indirect IFA and ELISA. A starting range of 1:10 - 1:50 is suggested for IFA and 1:20 - 1:200 for ELISA. Does not work in Western blot.
Reactivity:	Respiratory Syncytial Virus
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	RSV viral lysate (Long strain)
Specificity:	This antibody is specific for the fusion protein of RSV. Neutralizes. Negative cross-reactivity for Hep-2 cells.
Formulation:	0.01 M PBS, pH 7.2 and with 0.09% Sodium azide as preservative. Without stabilizing proteins . State: Purified State: Liquid purified Ig fraction (>90% pure).
Concentration:	lot specific
Purification:	Protein A affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

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.