

Product datasheet for **BM3123**

Respiratory Syncytial Virus / RSV strain Long (Fusion protein) Mouse Monoclonal Antibody [Clone ID: 631]

Product data:

Product Type:	Primary Antibodies
Clone Name:	631
Applications:	ELISA, IF
Recommended Dilution:	Suitable for use in Immunofluorescence (1/10-1/50) and ELISA (Capture, 1/20-1/200).
Reactivity:	Respiratory Syncytial Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	RSV viral lysate (Long strain)
Specificity:	Specific for the fusion protein of RSV, types A and B. Negative cross-reactivity with Hep-2 cells.
Formulation:	0.01 M PBS, pH 7.2, containing 0.09% Sodium Azide as preservative and no stabilizers State: Purified State: Liquid purified Ig fraction (>90% pure)
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
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.



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