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Product datasheet for AM05625PU-N

Respiratory Syncytial Virus / RSV (Fusion protein) Mouse Monoclonal Antibody [Clone ID: 0651]

Product data:

Product Type:	Primary Antibodies
Clone Name:	0651
Applications:	ELISA, IF
Recommended Dilution:	ELISA: 1:20 - 1:200. Immunofluorescence: 1:10 - 1:50.
Reactivity:	Respiratory Syncytial Virus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein of the human Respiratory Synctial Virus.
Specificity:	This antibody detects the fusion protein of human respiratory syncytial virus (RSV), groups A and B.
Formulation:	0.01M Phosphate buffered saline pH7.2 containing 0.09% Sodium Azide (NaN3) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
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.

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Background:

RSV is a negative-sense, single-stranded RNA virus and is a member of the *Paramyxoviridae* family. RSV causes respiratory tract infections in patients of all ages, but particularly affects infants and the immunosuppressed.
RSV encodes three envelope glycoproteins, a small hydrophobic (SH) protein of unknown function, a glycoprotein (G) known as the attachment protein, and a fusion (F) protein. The F protein directs fusion of viral and cellular membranes, resulting in viral penetration, and can lead to the formation of syncytia. The F protein is thought to be the principal antigen responsible for inducing an immune response.