

Product datasheet for **BP1054B**

Respiratory Syncytial Virus / RSV (Type A and B) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Suitable for use in ELISA, IFA, immunohistochemistry (paraffin sections) and neutralizing.
Reactivity:	Respiratory Syncytial Virus
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Human RSV isolate, confirmed
Specificity:	All RSV viral antigens. Reacts well with bovine isolates. Does not react with Para 1-3, Influenza A & B or Adenovirus by IFA. Negative against HEp-2 cells and WI-38 cells.
Formulation:	0.01 M PBS, pH 7., containing 0.09 % Sodium azide as preservative. Label: Biotin State: Liquid purified Ig fraction. Label: Covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution
Concentration:	lot specific
Conjugation:	Biotin
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.
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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