

Product datasheet for **BP1054F**

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

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	Suitable for use in ELISA, direct IFA and immunohistochemistry (paraffin). Ethanol-fixation is not recommended.
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 7.2 containing 10 mg/ml BSA as stabilizer and 0.09 % Sodium azide as preservative. Label: FITC State: Liquid purified Ig fraction. Label: Covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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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.