

## Product datasheet for **BP1054HRP**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, Neutralize
Recommended Dilution:	<b>ELISA.</b> <b>Immunohistochemistry</b> (Paraffin Sections). Ethanol-Fixation is not recommended. <b>Neutralizing.</b>
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:	PBS containing 10 mg/ml BSA as stabilizer and 0.002% Thimerosal as preservative. Label: HRP State: Liquid purified Ig fraction Label: Highly purified preparation of Horseradish Peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent Molar ratio: HRP: IgG substitution is 2-3
Concentration:	lot specific
Conjugation:	HRP
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:**

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.