

## Product datasheet

# Anti-Respiratory Syncytial Virus antibody (Biotin) ab19986

### Overview

<b>Product name</b>	Anti-Respiratory Syncytial Virus antibody (Biotin)
<b>Description</b>	Goat polyclonal to Respiratory Syncytial Virus (Biotin)
<b>Host species</b>	Goat
<b>Conjugation</b>	Biotin
<b>Tested applications</b>	<b>Suitable for:</b> Neutralising, IHC-P
<b>Immunogen</b>	Human isolate of RSV (confirmed).
<b>General notes</b>	Covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: 0.01M PBS, pH 7.2
<b>Purity</b>	IgG fraction
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab19986** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Neutralising		Use at an assay dependent dilution.
IHC-P		Use at an assay dependent dilution.

## Target

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### Relevance

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.

### Cellular localization

Virion. Host cytoplasm

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