

Datasheet: 0300-0218

**BATCH NUMBER 166392**

<b>Description:</b>	RABBIT ANTI STREPTOCOCCUS PNEUMONIAE
<b>Specificity:</b>	STREPTOCOCCUS PNEUMONIAE
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
ELISA			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/500

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 5.0 mg/ml
<b>Immunogen</b>	Whole cell blend of numerous serotypes.

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<b>Specificity</b>	<p><b>Rabbit anti <i>Streptococcus pneumoniae</i> antibody</b> recognizes <i>Streptococcus pneumoniae</i> and reacts with types 3, 4, 6, 7, 9, 14, 18, 19 and 23.</p> <p><i>S. pneumoniae</i> is a non-motile gram-positive bacteria that is found in the human upper respiratory tract and often as diplococci (pairs of cocci). Rabbit anti <i>Streptococcus pneumoniae</i> antibody is not absorbed and may react with related microorganisms.</p>
<b>References</b>	<p>1. Doyle, C.R. &amp; Pirofski, L.A. (2016) Reduction of <i>Streptococcus pneumoniae</i> Colonization and Dissemination by a Nonopsonic Capsular Polysaccharide Antibody. <a href="#">MBio. 7 (1): e02260-15.</a></p>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/0300-0218">https://www.bio-rad-antibodies.com/SDS/0300-0218</a> 10040
<b>Regulatory</b>	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
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