

Datasheet: 0300-0218

BATCH NUMBER 159740

| | |
|----------------------|--------------------------------------|
| Description: | RABBIT ANTI STREPTOCOCCUS PNEUMONIAE |
| Specificity: | STREPTOCOCCUS PNEUMONIAE |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | 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.

| | |
|---------------------------------------|---|
| Target Species | Bacterial |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.1% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | IgG concentration 4.0 mg/ml |
| Immunogen | Whole cell blend of numerous serotypes. |

Specificity

Rabbit anti *Streptococcus pneumoniae* antibody recognizes *Streptococcus pneumoniae* and reacts with types 3, 4, 6, 7, 9, 14, 18, 19 and 23.

S. pneumoniae 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 *Streptococcus pneumoniae* antibody is not absorbed and may react with related microorganisms.

References

1. Doyle, C.R. & Pirofski, L.A. (2016) Reduction of *Streptococcus pneumoniae* Colonization and Dissemination by a Nonopsonic Capsular Polysaccharide Antibody. *MBio*. 7 (1): e02260-15.

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/0300-0218>
10040

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [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

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