

Datasheet: 8435-2000

BATCH NUMBER 153861

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|----------------------|-----------------------------|
| Description: | RABBIT ANTI STREPTOCOCCUS B |
| Specificity: | STREPTOCOCCUS B |
| 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 | ▪ | | | |

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 the appropriate negative/positive controls.

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|---------------------------------------|---|
| 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 1.0 mg/ml |
| Immunogen | <i>Streptococci</i> , group B |

| | |
|--------------------------------------|---|
| Specificity | <p>Rabbit anti <i>Streptococcus B</i> antibody reacts with type specific carbohydrate of β-hemolytic Lancefield group B <i>Streptococci</i>. Rabbit anti <i>Streptococcus B</i> antibody does not react with other <i>Streptococcus</i> groups.</p> <p>β-hemolytic <i>Streptococcus</i> species are classified by their presented carbohydrates according to the scheme put forward by Lancefield (Lancefield 1933).</p> |
| References | <ol style="list-style-type: none"> 1. Fernandes, A.C. <i>et al.</i> (2014) Lab-on-chip cytometry based on magnetoresistive sensors for bacteria detection in milk. Sensors (Basel). 14 (8): 15496-524. 2. Duarte, C.M. <i>et al.</i> (2015) Magnetic Counter for Group B Streptococci Detection in Milk IEEE Transactions on Magnetics. 51 (1): 1-4. |
| Storage | <p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | <p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/8435-2000</p> <p>10040</p> |
| 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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