

Datasheet: 8435-2000

**BATCH NUMBER 165723**

<b>Description:</b>	RABBIT ANTI STREPTOCOCCUS B
<b>Specificity:</b>	STREPTOCOCCUS B
<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	▪			

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.

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

RRID

AB\_620714

**Specificity**

**Rabbit anti *Streptococcus B* antibody** reacts with type specific carbohydrate of  $\beta$ -hemolytic Lancefield group B *Streptococci*. Rabbit anti *Streptococcus B* antibody does not react with other *Streptococcus* groups.

$\beta$ -hemolytic *Streptococcus* species are classified by their presented carbohydrates according to the scheme put forward by Lancefield ([Lancefield 1933](#)).

**References**

1. Fernandes, A.C. *et al.* (2014) Lab-on-chip cytometry based on magnetoresistive sensors for bacteria detection in milk. [Sensors \(Basel\). 14 \(8\): 15496-524.](#)
2. Duarte, C.M. *et al.* (2015) Magnetic Counter for Group B Streptococci Detection in Milk [IEEE Transactions on Magnetics. 51 \(1\): 1-4.](#)
3. Duarte, C. *et al.* (2016) Semi-Quantitative Method for Streptococci Magnetic Detection in Raw Milk. [Biosensors \(Basel\). 6 \(2\): 19.](#)

**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/8435-2000>  
10040

**Regulatory**

For research purposes only

## 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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