

Datasheet: 8435-2000

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.

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
RRID	AB_620714

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

β -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: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
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://www.bio-rad-antibodies.com/datasheets)
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