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	*Streptococci*, 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: 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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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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