

Datasheet: MCA2847

Description:	MOUSE ANTI STAPHYLOCOCCUS AUREUS ENTEROTOXIN A
Specificity:	STAPHYLOCOCCUS AUREUS ENTEROTOXIN A
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	H10
Isotype:	IgG2b
Quantity:	0.2 mg

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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			
Immunoprecipitation			■	
Western Blotting	■			

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 G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	<i>Staphylococcus aureus</i> enterotoxin type A.
External Database Links	UniProt: P0A0L2 Related reagents

Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the Sp2/0 myeloma cell line.
Specificity	Mouse anti <i>Staphylococcus aureus</i> Enterotoxin A antibody, clone H10 recognizes <i>Staphylococcus aureus</i> enterotoxin type A. <i>Staphylococcus aureus</i> produces several different types of enterotoxins (SE's). The SE's are short, soluble proteins that are highly stable and resistant to most proteolytic enzymes. They belong to a family of pyrogenic toxins and as such cause an increase in body temperature, immunosuppression and non-specific T-cell proliferation. These activities are referred to as superantigen activity and results from the interaction of SE's with T-cell antigen receptors and the major histocompatibility complex (MHC) on antigen presenting cells. In addition to their superantigen activity, SE's are also emetics. The SE's are important in food poisoning. Enterotoxin A is one of the SE's most commonly identified in clinical isolates.
Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. 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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10040 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 , FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Human Anti Mouse IgG2b (HCA038...)	FITC , HRP

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