

## Datasheet: MCA2848

<b>Description:</b>	MOUSE ANTI STAPHYLOCOCCUS AUREUS ENTEROTOXIN A
<b>Specificity:</b>	STAPHYLOCOCCUS AUREUS ENTEROTOXIN A
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	C4
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml

<b>Immunogen</b>	<i>Staphylococcus aureus</i> enterotoxin type A.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P0A0L2</a> <a href="#">Related reagents</a>
<b>RRID</b>	AB_1102862
<b>Fusion Partners</b>	Spleen cells from immunised BALB/c mice were fused with cells of the Sp2/0 myeloma cell line.
<b>Specificity</b>	<b>Mouse anti <i>Staphylococcus aureus</i> Enterotoxin A antibody, clone C4</b> 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 (they cause vomiting). The SE's are important in food poisoning. Enterotoxin A is one of the SE's most commonly identified in clinical isolates.
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight@800</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight@488</a> , <a href="#">DyLight@680</a> , <a href="#">DyLight@800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

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