

Datasheet: MCA5793

Description:	MOUSE ANTI STAPHYLOCOCCUS AUREUS ATCC 29740
Specificity:	STAPHYLOCOCCUS AUREUS ATCC 29740
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	11-248.2 (8A3)
Isotype:	IgM
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
ELISA	■			1/1000 - 1/5000

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 IgM - liquid
Preparation	Purified IgM prepared by PEG precipitation
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide.
Approx. Protein Concentrations	IgM concentration 1.0 mg/ml
Immunogen	UV-inactivated <i>Staphylococcus aureus</i> cells (ATCC 29740).
RRID	AB_10852248

Specificity

Mouse anti *Staphylococcus aureus* antibody, clone 11-248.2 recognizes the peptidoglycan of *Staphylococcus aureus* strain [ATCC 29740](#) and will cross react with protein A-negative *S. aureus* and *S. epidermidis*.

Mouse anti *Staphylococcus aureus* antibody, clone 11-248.2 does not cross-react with *Streptococcus sp.*, *Mycoplasma sp.* or *Corynebacteria sp.* This antibody has not been cross-

adsorbed and may react with similar antigens from related species.

References 1. Su, F.Y. *et al.* (2007) Simple and sensitive bacterial quantification by a flow-based kinetic exclusion fluorescence immunoassay. [Biosens Bioelectron. 22: 2500-7.](#)

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.

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

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)

Human Anti Mouse IgM (HCA040...) [FITC](#)

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'M368411:200529'

Printed on 11 Aug 2020

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