

Datasheet: MCA1294B

Description:	MOUSE ANTI RAT IgG2b HEAVY CHAIN:Biotin
Specificity:	IgG2b HEAVY CHAIN
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	MARG2b-3
Isotype:	IgG1
Quantity:	0.5 mg

Product Details

RRID AB_324129

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	▪			

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species Rat

Product Form Purified IgG conjugated to Biotin - liquid

Preparation Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution Phosphate buffered saline

Preservative 0.1% Sodium Azide

Stabilisers 50% Glycerol

Approx. Protein Concentrations IgG concentration 1 mg/ml

Immunogen Rat IgG2b.

External Database Links

UniProt:

[P20761](#)

[Related reagents](#)

Specificity	Mouse anti Rat IgG2b Heavy Chain antibody, clone MARG2b-3 recognizes the gamma-2b heavy chain of rat immunoglobulin.
References	<p>1. Le Roy, D. <i>et al.</i> (1999) Monoclonal antibodies to murine lipopolysaccharide (LPS)-binding protein (LBP) protect mice from lethal endotoxemia by blocking either the binding of LPS to LBP or the presentation of LPS/LBP complexes to CD14. J Immunol. 162 (12): 7454-60.</p> <p>2. Ueta, H. <i>et al.</i> (2018) Single blood transfusion induces the production of donor-specific alloantibodies and regulatory T cells mainly in the spleen. Int Immunol. 30 (2): 53-67.</p>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10328 available at: 10328: https://www.bio-rad-antibodies.com/uploads/MSDS/10328.pdf
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:Biotin \(MCA1209B\)](#)

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