

Datasheet: MCA336B BATCH NUMBER 167056

Description:	RAT ANTI MOUSE IgG1 HEAVY CHAIN:Biotin
Specificity:	IgG1 HEAVY CHAIN
Format:	Biotin
Product Type:	Monoclonal Antibody
Clone:	LO-MG1-2
Isotype:	IgG1
Quantity:	0.5 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	•			5 ug/ml
Western Blotting			•	

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	Mouse
Product Form	Purified IgG conjugated to Biotin - liquid
Preparation	Purified IgG prepared by affinity chromatography from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide 50% Glycerol
Approx. Protein Concentrations	IgG concentration 1 mg/ml

lmmunogen	Purified mouse IgG1 from BALB/c mice
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External Database Links

UniProt:

P01869 Related reagents
P01868 Related reagents

Entrez Gene:

16017 Ighg1 Related reagents16017 Ighg1 Related reagents

Synonyms

Igh-4

RRID

AB 321955

Fusion Partners

Spleen cells from immunised LOU/c rats were fused with cells of the rat IR983F myeloma cell line.

Specificity

Rat anti Mouse IgG1 Heavy Chain antibody, clone LO-MG1-2 recognizes murine IgG1, and does not bind other mouse immunoglobulin classes or subclasses.

References

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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 #10328 available at: https://www.bio-rad-antibodies.com/SDS/MCA336B 10328	
Regulatory	For research purposes only	

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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 'M384040:210513'

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