

Datasheet: MCA419B BATCH NUMBER 148824

Description:	RAT ANTI MOUSE IgE HEAVY CHAIN:Biotin		
Specificity:	IgE HEAVY CHAIN		
Format:	Biotin		
Product Type:	Monoclonal Antibody		
Clone:	LO-ME-3		
Isotype:	lgG1		
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				500ng/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.

Tammet Omanian	
Target Species	Mouse
Species Cross Reactivity	Does not react with:Rat
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		
Immunogen	Purified IgE from BALB/c mice.		
External Database Links	UniProt: P06336 Related reagents		
	Entrez Gene: 380792 Gm900 Related reagents		
RRID	AB_321896		
Fusion Partners	Spleen cells from immunised LOU/c rats were fused with cells of the rat IR983F myeloma cell line.		
Specificity	Rat anti Mouse IgE Heavy Chain antibody, clone LO-ME-3 recognizes the murine epsilon immunoglobulin heavy chain, and does not cross react with other murine immunoglobulin classes or subclasses. The avidity of Rat anti Mouse IgE Heavy Chain antibody, clone LO-ME-3 is = $3 \times 10^9 M^{-1}$		
References	1. Mojtabavi, N. <i>et al.</i> (2002) Long-lived Th2 memory in experimental allergic asthma. <u>J. Immunol. 169 (9): 4788-96.</u> 2. Stevens, T. <i>et al.</i> (2008) Increased transcription of immune and metabolic pathways in		
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for the sero-diagnosis of Schistosoma mansoni infection. Parasitol Int. 64 (6): 503-12.

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Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

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.

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/MCA419B 10328
Regulatory	For research purposes only

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