

Datasheet: MCA419P BATCH NUMBER 156667

Description:	RAT ANTI MOUSE IgE HEAVY CHAIN:HRP
Specificity:	IgE HEAVY CHAIN
Format:	HRP
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
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.

Target Species	Mouse	
Species Cross Reactivity	Does not react with:Rat	
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liqu	uid
Preparation	Purified IgG prepared by affinity chromatography from tissue co	ulture supernatant
Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.01% Thiomersal 50% Glycerol	

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified IgE from BALB/c mice.
External Database Links	UniProt: P06336 Related reagents
	Entrez Gene: 380792 Gm900 Related reagents
RRID	AB_321898
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 = $3 \times 10^9 M^{-1}$
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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 #10097 available at: https://www.bio-rad-antibodies.com/SDS/MCA419P 10097
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

AbGUARD® HRP STABILIZER PLUS (BUF052A)
AbGUARD® HRP STABILIZER PLUS (BUF052B)
AbGUARD® HRP STABILIZER PLUS (BUF052C)
TMB CORE (BUF056A)
TMB CORE+ (BUF062A)
TMB SIGNAL+ (BUF054A)

 North & South
 Tel: +1 800 265 7376
 Worldwide
 Tel: +44 (0)1865 852 700
 Europe
 Tel: +49 (0) 89 8090 95 21

 America
 Fax: +1 919 878 3751
 Fax: +44 (0)1865 852 739
 Fax: +49 (0) 89 8090 95 50

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M367671:200529'

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