

Datasheet: MCA48GA BATCH NUMBER 159324

Description:	MOUSE ANTI RAT CD8 ALPHA
Specificity:	CD8 ALPHA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	OX-8
lsotype:	lgG1
Quantity:	0.1 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 <u>www.bio-rad-antibodies.com/protocols</u> .				
		Yes	No	Not Determined	Suggested Dilution
	Flow Cytometry	-			1/100
	Immunohistology - Frozen	-			
	Immunohistology - Paraffin	-			
	ELISA			•	
	Immunoprecipitation	-			
Target Species	necessarily exclude its us a guide only. It is recomm system using appropriate Rat	nended th	at the use	er titrates the antibody	•
Product Form	Purified IgG - liquid				
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant.			m tissue culture	
Buffer Solution	Phosphate buffered saline				
Preservative Stabilisers	0.09% Sodium Azide				
Carrier Free	Yes				

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml			
Immunogen	Rat thymocyte membrane glycoproteins.			
External Database Links	UniProt: <u>P07725</u> <u>Related reagents</u> Entrez Gene: <u>24930</u> Cd8a <u>Related reagents</u>			
RRID	AB_566918			
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.			
Specificity	pecificity Mouse anti Rat CD8α, clone MRC OX-8, recognizes the rat CD8 alpha cell surface antigen, expressed by a subset of T lymphocytes, most thymocytes and the majority of cells.			
	Mouse anti Rat CD8α, clone MRC OX-8 is suitable for use in <i>in vitro</i> blocking assays (<u>Popov <i>et al</i>.2001</u>).			
	Mouse anti Rat CD8α, clone MRC OX-8 reacts with paraffin-embedded material following PLP Fixation (periodate-lysine paraformaldehyde) (<u>Whiteland <i>et al.</i> 1995</u>).			
	Mouse anti Rat CD8 α , clone MRC OX-8 is routinely tested in flow cytometry on rat splenocytes.			
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.			
Immunohistology	This product does not require protein digestion pre-treatment of paraffin embedded sections.			
	This product does not require antigen retrieval using heat treatment prior to staining of paraffin embedded sections.			
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Storage	This product is shipped at ambient temperature. It is recomme -20°C on receipt. When thawed, aliquot the sample as needed short term use (up to 4 weeks) and store the remaining aliquot Avoid repeated freezing and thawing as this may denature the	. Keep aliquots at 2-8°C for is at -20°C.
0	frost-free freezers is not recommended.	
Guarantee	12 months from date of despatch	
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA48GA 10040	
Regulatory	For research purposes only	

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)RPEGoat Anti Mouse IgG IgA IgM (STAR87...)HRPGoat Anti Mouse IgG (STAR76...)RPE

Rabbit Anti Mouse IgG (STAR13)	HRP
Goat Anti Mouse IgG (STAR70)	<u>FITC</u>
Goat Anti Mouse IgG (H/L) (STAR117)	<u>Alk. Phos.</u> , <u>DyLight®488</u> , <u>DyLight®550</u> ,
	<u>DyLight®650</u> , <u>DyLight®680</u> , <u>DyLight®800</u> ,
	FITC, HRP
Rabbit Anti Mouse IgG (STAR9)	<u>FITC</u>
Goat Anti Mouse IgG (STAR77)	HRP
Goat Anti Mouse IgG (Fc) (STAR120)	FITC, HRP
Recommended Negative Controls	

MOUSE IgG1 NEGATIVE CONTROL (MCA1209)

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
	Email: antibody_sales_us@bio-ra	ad.com	Email: antibody_sales_uk@bio-ra	d.com	Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M384530:210513'

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