

Datasheet: MCA1590PE

BATCH NUMBER 168758

Description:	MOUSE ANTI HUMAN CD40:RPE
Specificity:	CD40
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	LOB7/6
Isotype:	lgG2a
Quantity:	100 TESTS

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				Neat

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

Target Species	Human			
Species Cross	Reacts with: Dog			
Reactivity	reactivity is derived	from testing within our I	ons may vary between species. Croaboratories, peer-reviewed publicators. Please refer to references indic	ions
Product Form	Purified IgG conjuga	ated to R. Phycoerythrin	(RPE) - lyophilized	
Reconstitution	Reconstitute with 1	ml distilled water		
	Eluaranhara	Excitation Max (nm)	Emission Max (nm)	
Max Ex/Em	Fluorophore	Excitation wax (iiii)	Lillission wax (illi)	

Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 5% Sucrose	
Immunogen	CD40 Ig(Fc) fusion protein containing the EC region of human human IgG.	CD40 and Fc region of
External Database Links	UniProt: P25942 Related reagents Entrez Gene: 958 CD40 Related reagents	
Synonyms	TNFRSF5	
RRID	AB_321688	
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cell myeloma cell line.	ls of the mouse NS1
Specificity	Mouse anti Human CD40 antibody, clone LOB7/6 recognize surface antigen, a 48kDa glycoprotein expressed by B lymphod monocytes. CD40 is involved in the process of B cell selection in germinal cell-B cell interactions.	cytes and weakly by some
Flow Cytometry	Use 10µl of the suggested working dilution to label 10 ⁶ cells in	100µl
References	 Quadbeck, B. <i>et al.</i> (2002) Maturation of thyroidal dendritic of Scand J Immunol. 55 (6): 612-20. Kirsch, B. M. <i>et al.</i> (2005) The active metabolite of leflunom with dendritic cell function. Arthritis Res. Ther. 7: R694-R703. Cheadle, E. <i>et al.</i> (2003) Mycobacterium bovis bacillus Calm dendritic cells potently activate autologous T cells via a B7 and mechanism. Immunology.108: 79-88. Carpenter, E.L. <i>et al.</i> (2009) Activation of human B cells by the CP-870,893 and augmentation with simultaneous toll-like reception. Med. 7: 93. Garcia-Nieto, S. <i>et al.</i> (2010) Laminin and Fibronectin Treatment of Dendritic Cells with Superior Endocytic Capacity. PLoS ONE 6. Wang, Y.S. <i>et al.</i> (2007) Characterization of canine monocyte with phenotypic and functional differentiation. Can J Vet Res. 7 Vlachoyiannopoulos, P.G. <i>et al.</i> (2004) Anti-CD40 antibodies syndrome and systemic lupus erythematosus. Thromb Haemost 	ide, A77 1726, interferes nette-Guerin-infected interleukin-12-dependent the agonist CD40 antibody otor 9 stimulation. J Transl ment Leads to Generation 5. 5: 1-10. e-derived dendritic cells 11: 165-74. in antiphospholipid

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Storage

Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. 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 #20487 available at: https://www.bio-rad-antibodies.com/SDS/MCA1590PE 20487
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL:RPE (MCA929PE)

Recommended Useful Reagents

HUMAN SEROBLOCK (BUF070A) HUMAN SEROBLOCK (BUF070B)

 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 'M431003:240620'

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