Datasheet: MCA2537PE BATCH NUMBER 164483

MOUSE ANTI HUMAN CD16:RPE
CD16
FcRIII
RPE
Monoclonal Antibody
DJ130c
lgG1

Product Details

Applications	derived from testing w communications from	ithin our laboratories the originators. Pleas al protocol recomme	he following application , peer-reviewed publication se refer to references in ndations, please visit <u>w</u>	tions or personal dicated for further		
		Yes No	Not Determined	Suggested Dilution		
	Flow Cytometry			Neat - 1/10		
	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 Reactivity	reactivity is derived fro	y and working condit om testing within our	ions may vary between aboratories, peer-review ors. Please refer to refe	wed publications or		
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilized					
Reconstitution	Reconstitute with 1.0ml distilled water					
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)			
	RPE 488nm laser	496	578			
Preparation	Purified IgG prepared	by affinity chromatog	raphy on Protein A fron	n tissue culture		

	supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 5% Sucrose		
External Database Links	UniProt:P08637Related reagentsO75015Related reagentsEntrez Gene:2214FCGR3ARelated reagents2215FCGR3BRelated reagents		
Synonyms	CD16A, CD16B, FCG3, FCGR3, IGFR3		
RRID	AB_961449		
Specificity	Mouse anti Human CD16 antibody, clone DJ130c recognizer as Low affinity immunoglobulin gamma Fc region receptor III-A CD16a is a 254 amino acid ~50-65 kDa single pass type 1 tran bearing two Ig-like C2 type domains. CD16 exists as a transme gammaRIIIA, or CD16A) and a glycosyl phosphatidylinositol (G gammaRIIIB, or CD16B (Scallon <i>et al.</i> 1989). CD16A is express cells, and macrophages, whereas CD16B is primarily expressed and Perussia 1989). In addition, CD16B exists as two allelic va DJ130c recognizes all polymorphonuclear cells irrespective of Mouse anti Human CD16 antibody, clone DJ130c recognizes a membrane-distal domain of CD16, recognizes both CD16a and demonstrated to cross-react with CD16 from rhesus macaques 2012)	a or Fc-gamma RIIIa. Insmembrane glycoprotein embranous form (Fc GPI) anchored form, Fc ased by NK cells, some T ed by granulocytes (<u>Ravetch</u> ariants NA1 and NA2. their NA phenotype. an epitope in the first d CD16b and has been	
Flow Cytometry	Use 10ul of the suggested working dilution to label $1x10^6$ cells	in 100ul.	
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Storage	Store at +4°C. DO NOT FREEZE.
	Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.
	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/MCA2537PE

	20487				
Regulato	ry For res	earch purpose			
Relate	d Products				
Recomn	nended Negative C	Controls			
MOUSE Ig	G1 NEGATIVE CONTR	ROL:RPE (MCA9	928PE)		
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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 'M375513:210104'

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