

Datasheet: MCA1258SBB700 BATCH NUMBER 100004796

Description:	RAT ANTI MOUSE CD45R:StarBright Blue 700
Specificity:	CD45R
Other names:	B220, LY-5
Format:	StarBright Blue 700
Product Type:	Monoclonal Antibody
Clone:	RA3-6B2
Isotype:	lgG2a
Quantity:	100 TESTS/0.5ml

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 wave bio-						
	rad-antibodies.com/protocols.						
	Not Determined	Suggested Dilution					
	Flow Cytometry	-		Neat			
	Where this product ha necessarily exclude its a guide only. It is reco system using appropri	s not been tested for s use in such proced mmended that the u ate negative/positiv	r use in a particular te lures. Suggested work ser titrates the produc e controls.	chnique this does not ing dilutions are given as t for use in their own			
Target Species	Mouse						
Species Cross Reactivity	Reacts with: Human, Cat N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.						
Product Form	Purified IgG conjugated to StarBright Blue 700 - liquid						
Max Ex/Em	Fluorophore	Excitation Max (nm) Emission Max (nm)				
	StarBright Blue 700	470	700				
Preparation	Purified IgG prepared supernatant	by affinity chromato	graphy on Protein G fr	rom tissue culture			

Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 0.1% Pluronic F68 0.1% PEG 3350 0.05% Tween 20	
Immunogen	Murine leukemia-induced pre-B tumor cells (RAW112)	
External Database Links	UniProt: P06800 Related reagents Entrez Gene: 19264 Ptprc Related reagents	
Synonyms	Ly-5	
Fusion Partners	Spleen cells from immunized Lewis rats were fused with cells on myeloma cell line	of the rat S194/5 XX0.BU-1
Specificity	Rat anti Mouse CD45R antibody, clone RA3-6B2 recognizes the CD45 antigen expressed by B cells and lytically active sub- non-MHC restricted CTL's. Rat anti Mouse CD45R antibody, cl immunoprecipitates the high molecular weight form of CD45 (2 Rat anti Mouse CD45R antibody, clone RA3-6B2 is suitable for embedded tissues (Whiteland <i>et al.</i> 1995).	murine CD45R, a form of sets of NK cells and one RA3-6B2 20 kDa).
Flow Cytometry	Use 5ul of the suggested working dilution to label 10 ⁶ cells in 1 suggest a 5 minutes centrifugation at 6,000g prior to sample ap	00ul. Best practices oplication.
References	 Coffman, R.L. (1982) Surface antigen expression and immur rearrangement during mouse pre-B cell development. <u>Immunol</u> Rosmalen, J.G. <i>et al.</i> (2000) Subsets of macrophages and d diabetic mouse pancreatic inflammatory infiltrates: correlation v diabetes. <u>Lab Invest. 80 (1): 23-30.</u> Whiteland, J.L. <i>et al.</i> (1995) Immunohistochemical detection leukocytes in paraffin-embedded rat and mouse tissues with m <u>Histochem Cytochem. 43 (3): 313-20.</u> Spangrude, G.J. <i>et al.</i> (1988) Purification and characterization stem cells. <u>Science. 241: 58-62.</u> Spangrude, G.J. <i>et al.</i> (1988) Two rare populations of mouse cells repopulate the thymus. J Exp Med. 167 (5): 1671-83. Holmes, K.L. <i>et al.</i> (1986) Analysis of neoplasms induced by extracts. J Immunol. 137 (2): 679-88. Ankeny, D.P. <i>et al.</i> (2009) B cells produce pathogenic antibo 	noglobulin gene <u>Rev. 69: 5-23.</u> endritic cells in nonobese vith the development of of T-cell subsets and other onoclonal antibodies. <u>J</u> on of mouse hematopoietic e Thy-1lo bone marrow y Cas-Br-M MuLV tumor

after spinal cord injury in mice. J Clin Invest. 119: 2990-9.

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Acknowledgements	This product is covered by U.S. Patent No. 10,150,841 and related U.S. and foreign counterparts
Guarantee	12 months from date of despatch
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
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Relate	d Products				
Recomr	nended Usefu	I Reagents			
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Printed on 04 Apr 2024

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