

Datasheet: MCA1258SBV440

#### **BATCH NUMBER 64598213**

Description:	RAT ANTI MOUSE CD45R:StarBright Violet 440
Specificity:	CD45R
Other names:	B220, LY-5
Format:	StarBright Violet 440
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 <a href="www.bio-rad-antibodies.com/protocols">www.bio-rad-antibodies.com/protocols</a>.

	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	Mouse			
Species Cross	Reacts with: Human,	Cat		
Reactivity	reactivity is derived f	vity and working conditi rom testing within our l tions from the originato	aboratories, peer-rev	riewed publications or
Product Form	Purified IgG conjuga	ted to StarBright Violet	440 - liquid	
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)	
	StarBright Violet 440	383	436	_
Preparation	Purified IgG prepared supernatant	d by affinity chromatog	raphy on Protein G fr	rom tissue culture

Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin 0.1% Pluronic F68 0.1% PEG 3350	
Immunogen	Murine leukemia-induced pre-B tumor cells (RAW112)	
External Database Links	UniProt: P06800 Related reagents  Entrez Gene: 19264 Ptprc Related reagents	
Synonyms		
Fusion Partners	Spleen cells from immunized Lewis rats were fused with cells of 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 substance. MHC restricted CTL's. Rat anti Mouse CD45R antibody, climmunoprecipitates the high molecular weight form of CD45 (2). Rat anti Mouse CD45R antibody, clone RA3-6B2 is suitable for embedded tissues (Whiteland et al.1995).	sets of NK cells and one RA3-6B2 20 kDa).
Flow Cytometry	Use 5µl of the suggested working dilution to label 10 <sup>6</sup> cells in 1 suggest a 5 minutes centrifugation at 6,000g prior to sample approximately 100 minutes centrifugation at 100 minutes c	
References	<ol> <li>Holmes, K.L. <i>et al.</i> (1986) Analysis of neoplasms induced by extracts. <u>J Immunol.</u> 137 (2): 679-88.</li> <li>Spangrude, G.J. <i>et al.</i> (1988) Purification and characterization stem cells. <u>Science.</u> 241: 58-62.</li> <li>Spangrude, G.J. <i>et al.</i> (1988) Two rare populations of mouse cells repopulate the thymus. <u>J Exp Med.</u> 167 (5): 1671-83.</li> <li>Whiteland, J.L. <i>et al.</i> (1995) Immunohistochemical detection leukocytes in paraffin-embedded rat and mouse tissues with mediatochem Cytochem. 43 (3): 313-20.</li> <li>Hawke, S. <i>et al.</i> (1998) Long-term persistence of activated coafter viral infection of the central nervous system. <u>J Exp Med.</u> 16. Rosmalen, J.G. <i>et al.</i> (2000) Subsets of macrophages and diabetic mouse pancreatic inflammatory infiltrates: correlation via diabetes. <u>Lab Invest.</u> 80 (1): 23-30.</li> <li>Stevenson, P.G. <i>et al.</i> (2002) Uncoupling of virus-induced infilmmunity in the brain parenchyma. <u>J Gen Virol.</u> 83: 1735-43.</li> </ol>	on of mouse hematopoietic e Thy-1lo bone marrow of T-cell subsets and other onoclonal antibodies. J ytotoxic T lymphocytes 187: 1575-82. lendritic cells in nonobese with the development of

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Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.	
12 months from date of despatch	
This product is covered by U.S. Patent No. 10,150,841 and recounterparts	elated U.S. and foreign
Material Safety Datasheet documentation #20438 available at <a href="https://www.bio-rad-antibodies.com/SDS/MCA1258SBV440">https://www.bio-rad-antibodies.com/SDS/MCA1258SBV440</a> 20438	:
For research purposes only	
	This product should be stored undiluted.  12 months from date of despatch  This product is covered by U.S. Patent No. 10,150,841 and recounterparts  Material Safety Datasheet documentation #20438 available at <a href="https://www.bio-rad-antibodies.com/SDS/MCA1258SBV440">https://www.bio-rad-antibodies.com/SDS/MCA1258SBV440</a> 20438

#### Related Products

## **Recommended Useful Reagents**

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