

Datasheet: MCA1258SBV670

Description:	RAT ANTI MOUSE CD45R:StarBright Violet 670
Specificity:	CD45R
Other names:	B220, LY-5
Format:	StarBright Violet 670
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 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	Mouse			
Species Cross	Reacts with: Human,	, Cat		
Reactivity	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 Violet 670 - liquid			
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nn	n)
	StarBright Violet 670	401	667	
Preparation	Purified IgG prepare supernatant	d by affinity chromatog	raphy on Protein G	from tissue culture
Buffer Solution	Phosphate buffered	saline		

Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin
	0.1% Pluronic F68
	0.1% PEG 3350
	0.1% FEG 3330 0.05% Tween 20
	0.05% Tween 20
Approx. Protein	For information on the concentration of our StarBright Dye conjugated reagents please
Concentrations	visit our <u>FAQ</u> page.
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 of the rat S194/5 XX0.BU-1
	myeloma cell line
Specificity	Rat anti Mouse CD45R antibody, clone RA3-6B2 recognizes murine CD45R, a form of
	the CD45 antigen expressed by B cells and lytically active subsets of NK cells and
	non-MHC restricted CTL's. Rat anti Mouse CD45R antibody, clone RA3-6B2
	immunoprecipitates the high molecular weight form of CD45 (220 kDa).
	Rat anti Mouse CD45R antibody, clone RA3-6B2 is suitable for plp fixed paraffin
	embedded tissues (Whiteland et al.1995).
Flow Cytometry	Use 5µl of the suggested working dilution to label 10 ⁶ cells in 100µl. Best practices
	suggest a 5 minutes centrifugation at 6,000g prior to sample application.
References	1. Holmes, K.L. <i>et al.</i> (1986) Analysis of neoplasms induced by Cas-Br-M MuLV tumor
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	o. Nosmalen, J.G. et al. (2000) Subsets of macrophages and dendrific delis in nonobese

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Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
Guarantee	12 months from date of despatch
Acknowledgements	This product is covered by U.S. Patent No. 10,150,841 and related U.S. and foreign counterparts
Health And Safety Information	Material Safety Datasheet documentation #20471 available at: https://www.bio-rad-antibodies.com/SDS/MCA1258SBV670 20471
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

MOUSE SEROBLOCK FcR (BUF041A)
MOUSE SEROBLOCK FcR (BUF041B)

Email: antibody sales us@bio-rad.com

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Worldwide

Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Europe

Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_uk@bio-rad.com

Email: antibody_sales_de@bio-rad.com

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