

Datasheet: MCA1258SBB810

Description:	RAT ANTI MOUSE CD45R:StarBright Blue 810
Specificity:	CD45R
Other names:	B220, LY-5
Format:	StarBright Blue 810
Product Type:	Monoclonal Antibody
Clone:	RA3-6B2
Isotype:	IgG2a
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. Cros reactivity is derived from testing within our laboratories, peer-reviewed publicatio personal communications from the originators. Please refer to references indicat further information.			
Product Form	Purified IgG conjugated to StarBright Blue 810 - liquid			
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)	
	StarBright Blue 810	477	802	
Preparation	Purified IgG prepare supernatant	d by affinity chromatog	raphy on Protein G from tiss	sue culture
Buffer Solution	Phosphate buffered			

Preservative Stabilisers

0.09% sodium azide (NaN₃) 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 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 5μ I of the suggested working dilution to label 10^6 cells in 100μ I. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.

References

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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/MCA1258SBB810 20471
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

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

North & South Tel: +1 800 265 7376

Worldwide

Tel: +44 (0)1865 852 700

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