

Datasheet: MCA1258SBV760

Description:	RAT ANTI MOUSE CD45R:StarBright Violet 760
Specificity:	CD45R
Other names:	B220, LY-5
Format:	StarBright Violet 760
<b>Product Type:</b>	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 <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 fi	vity and working condition from testing within our l tions from the originate	aboratories, peer-rev	iewed publications c	
Product Form	Purified IgG conjugated to StarBright Violet 760 - liquid				
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)		
	StarBright Violet 760	403	754	_	
Preparation	Purified IgG prepared supernatant	d by affinity chromatog	raphy on Protein G fr	om tissue culture	
Buffer Solution	Phosphate buffered s	colino			

## Preservative Stabilisers

0.09% sodium azide (NaN<sub>3</sub>) 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  $5\mu$ I of the suggested working dilution to label  $10^6$  cells in  $100\mu$ I. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.

#### References

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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 related U.S. and foreign counterparts
Material Safety Datasheet documentation #20471 available at:
https://www.bio-rad-antibodies.com/SDS/MCA1258SBV760
20471
For research purposes only

# Related Products

## **Recommended Useful Reagents**

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

North & South Tel: +1 800 265 7376 America Fax: +1 919 878 3751

Worldwide

Tel: +44 (0)1865 852 700

Europe

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Fax: +44 (0)1865 852 739 Email: antibody sales uk@bio-rad.com

Email: antibody sales de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M408737:221013'

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