

Datasheet: MCA1258P750T

Description:	RAT ANTI MOUSE CD45R:RPE-Alexa Fluor® 750
Specificity:	CD45R
Other names:	B220, LY-5
Format:	RPE-ALEXA FLUOR® 750
Product Type:	Monoclonal Antibody
Clone:	RA3-6B2
Isotype:	IgG2a
Quantity:	25 TESTS

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 - 1/10

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Mouse									
Species Cross Reactivity	Reacts with: Human, Cat N.B. Antibody reactivity and working conditions may vary between species.									
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - Alexa Fluor® 750 - lyophilized									
Reconstitution	Reconstitute in 0.25 ml distilled water									
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>RPE-Alexa Fluor®750 488nm laser</td> <td>496</td> <td>779</td> </tr> <tr> <td>RPE-Alexa Fluor®750 561nm laser</td> <td>546</td> <td>779</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE-Alexa Fluor®750 488nm laser	496	779	RPE-Alexa Fluor®750 561nm laser	546	779
Fluorophore	Excitation Max (nm)	Emission Max (nm)								
RPE-Alexa Fluor®750 488nm laser	496	779								
RPE-Alexa Fluor®750 561nm laser	546	779								
Preparation	Purified IgG prepared by affinity chromatography on Protein G.									
Buffer Solution	Phosphate buffered saline									
Preservative	0.09% Sodium Azide									
Stabilisers	1% Bovine Serum Albumin 5% Sucrose									

Immunogen	Murine leukaemia-induced pre-B tumour cells (RAW112).
External Database Links	<p>UniProt: P06800 Related reagents</p> <p>Entrez Gene: 19264 Ptprc Related reagents</p>
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	<p>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 (220kD).</p> <p>Rat anti Mouse CD45R antibody, clone RA3-6B2 has been reported as being suitable for plp fixed paraffin embedded tissues (Whiteland <i>et al.</i> 1995).</p>
Flow Cytometry	<p>Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.</p> <p>The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. This may be reduced by using SeroBlock FcR (BUF041A/B/C).</p>
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Storage

Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

12 months from date of reconstitution.

Acknowledgements

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Material Safety Datasheet documentation #10075 available at:
10075: <https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf>

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