

Datasheet: MCA808PB

Description:	MOUSE ANTI RABBIT CD45:Pacific Blue®
Specificity:	CD45
Other names:	LCA
Format:	Pacific Blue®
Product Type:	Monoclonal Antibody
Clone:	L12/201
Isotype:	IgG1
Quantity:	100 TESTS/1ml

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 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	Rabbit		
Product Form	Purified IgG conjugated to Pacific Blue® - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Pacific Blue®	410	455
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin		
Approx. Protein Concentrations	IgG concentration 0.05 mg/ml		

Immunogen	Glycoproteins isolated from the T cell line, RL-5.
Fusion Partners	Spleen cells from immunised mice were fused with cells of the P3.X63.Ag8-U1 mouse myeloma cell line.
Specificity	Mouse anti Rabbit CD45 antibody, clone L12/201 recognizes the CD45 antigen, also known as leukocyte common antigen (LCA) or T200. Mouse anti Rabbit CD45 antibody, clone L12/201 shows pan leucocyte reactivity by flow cytometry and immunohistochemistry. Immunoprecipitation was achieved by cross linking antibody to the labelled cell surface yielding a protein migrating by gel electrophoresis at a molecular mass of ~200 kDa.
Flow Cytometry	Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul
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Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Acknowledgements

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Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA808PB
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Regulatory	For research purposes only
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Product inquiries: www.bio-rad-antibodies.com/technical-support

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

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