

Datasheet: MCA6129PE

Description:	MOUSE ANTI HUMAN CD1c:RPE
Specificity:	CD1c
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	L161
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

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	Human		
Product Form	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃) 0.2% Bovine Serum Albumin		
Immunogen	Human thymocytes		

**External Database
Links**

UniProt:

[P29017](#)

[Related reagents](#)

Entrez Gene:

[911](#)

CD1C

[Related reagents](#)

Specificity

Mouse anti Human CD1c, clone L161, recognizes [CD1c](#). CD1c, along with CD1a and CD1b, belong to group 1 of the CD1 family of glycoproteins. These MHC-like glycoproteins serve as lipid-presenting molecules for a subset of T cells ([Porcelli *et al.* 1989](#)).

CD1c is expressed in cortical thymocytes and a subset of B-cells ([Delia *et al.* 1988](#)) as well as myeloid dendritic cells ([Collin, McGovern & Haniffa, 2013](#))

Purity

>95% by SDS PAGE

Flow Cytometry

Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light.

Guarantee

Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

**Health And Safety
Information**

Material Safety Datasheet documentation #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6129PE>
10041

Regulatory

For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:RPE \(MCA928PE\)](#)

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

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