

Datasheet: MCA6071PE

Description:	MOUSE ANTI HUMAN CD193:RPE
Specificity:	CD193
Other names:	CCR3
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	5E8
Isotype:	IgG2b
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	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
Preparation	Purified IgG prepared by affinity chromatography		
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide (NaN ₃)		
Stabilisers	0.2% Bovine Serum Albumin		

External Database Links

UniProt:

[P51677](#)

[Related reagents](#)

Entrez Gene:

[1232](#) CCR3 [Related reagents](#)

SynonymsCMKBR3

Specificity

Mouse anti Human CD193 antibody, clone 5E8 recognizes the human CD193 cell surface antigen, also known as CC-chemokine receptor 3 (CCR3).

CD193 is a G protein-coupled receptor which binds a number of chemokines including eotaxin, RANTES and MCP-1. It is highly expressed on basophils, eosinophils and airway epithelial cells and is known to be involved in the development of allergic diseases. CD193 is also known to be an entry co-receptor for HIV-1.

Flow CytometryUse 5ul 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. Should this product contain a precipitate we recommend microcentrifugation before use.

GuaranteeGuaranteed until date of expiry. Please see product label.

Health And Safety Information

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

RegulatoryFor research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL:RPE \(MCA691PE\)](#)

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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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