

Datasheet: MCA6062PE

Description:	MOUSE ANTI HUMAN CD218a:RPE
Specificity:	CD218a
Other names:	IL-18 receptor
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	H44
Isotype:	IgG1
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 Stabilisers	0.09% Sodium Azide (NaN ₃)		
	0.2% Bovine Serum Albumin		
Immunogen	Human NK cell line NK0 constitutively expressing IL-18 receptors		
External Database	UniProt:		

Links

[Q13478](#) [Related reagents](#)

Entrez Gene:

[8809](#) IL18R1 [Related reagents](#)

Synonyms

IL1RRP

Specificity

Mouse anti Human CD218a recognizes CD218a also known as IL-18 receptor alpha chain. CD218a is a type I transmembrane protein and has a molecular weight of approximately 75-80 kDa. CD218a expression has been detected on NK cells, neutrophils, endothelial cells and certain B and T cell subsets. CD218 combines with IL-18 receptor beta chain to form the IL-18 receptor. IL-18 signaling plays a vital role in innate and autoimmune responses.

Flow Cytometry

Use 5µl of the suggested working dilution to label 1x10⁶ cells in 100µl

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.

Guarantee

12 months from date of despatch

Health And Safety Information

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

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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