

Datasheet: MCA6113APC

BATCH NUMBER 149821

Description:	MOUSE ANTI HUMAN CD107a:APC
Specificity:	CD107a
Other names:	LAMP-1
Format:	APC
Product Type:	Monoclonal Antibody
Clone:	H4A3
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

Species Cross Reactivity

Reacts with: Primate, Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG conjugated to Allophycocyanin (APC) - liquid

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	APC	650	661

Preparation

Purified IgG prepared by affinity chromatography on Protein A

Buffer Solution

Phosphate buffered saline

Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.2% Bovine Serum Albumin
Immunogen	Human PBMCs
External Database Links	<p>UniProt: P11279 Related reagents</p> <p>Entrez Gene: 3916 LAMP1 Related reagents</p>
Specificity	Mouse anti Human CD107a, clone H4A3 recognizes CD107a . CD107a (also known as LAMP-1) is a major component in lysosomal membranes. It is composed of a polypeptide core of approximately 40 kDa but normally migrates between 100-120 kDa due to high levels of glycosylation (Carlsson and Fukuda, 1989).
Flow Cytometry	Use 10ul of the undiluted reagent to label 1x10 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	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA6113APC 10041
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:APC \(MCA928APC\)](#)

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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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