

Datasheet: MCA6114Z

Description:	MOUSE ANTI HUMAN CD107b:Preservative Free
Specificity:	CD107b
Other names:	LAMP-2
Format:	Preservative Free
Product Type:	Monoclonal Antibody
Clone:	H4B4
Isotype:	IgG1
Quantity:	0.1 mg

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	▪			
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
Western Blotting	▪			
Immunocytochemistry	▪			

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	Does not react with:Mouse, Rat
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant and 0.2 µm filter sterilized
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Human PBMCs
External Database Links	<p>UniProt: P13473 Related reagents</p> <p>Entrez Gene: 3920 LAMP2 Related reagents</p>
Specificity	<p>Mouse anti Human CD107b, clone H4B4 recognizes CD107b. CD107b (also known as LAMP-2) is a major component in lysosomal membranes. It is composed of a polypeptide core of approximately 45 kDa but normally migrates between 100-120 kDa due to high levels of glycosylation (Fukuda, M. et al, 1988).</p> <p>Clone H4B4 has been reported to suitable for use in Transmission Electron Microscopy (Mane, S. et al, 1988).</p>
Purity	>95% by SDS PAGE
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
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 #10162 available at: https://www.bio-rad-antibodies.com/SDS/MCA6114Z 10162
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@550 , DyLight@650 , DyLight@680 , DyLight@800 , FITC , HRP

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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

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