Datasheet: MCA5672

Description:	MOUSE ANTI HUMAN CD63
Specificity:	CD63
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	TEA3/18
Isotype:	IgG1
Quantity:	0.2 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	▪			Neat - 1/10
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	

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 - liquid
Preparation	Antibody purified from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN_3) 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1mg/ml

Immunogen	TNF activated HUVEC cells
External Database Links	**UniProt:** P08962 Related reagents **Entrez Gene:** 967 CD63 Related reagents
Synonyms	MLA1, TSPAN30
RRID	AB_10709460
Specificity	**Mouse anti Human CD63 antibody, clone TEA3/18** recognizes the CD63 cell surface antigen, a glycoprotein of ~40-60 kDa. CD63 is expressed by monocytes and by a variety of cell lines. It is located intracellularly in lysosomal granules of platelets, being translocated to the surface upon activation. It may therefore by useful as a marker of platelet activation.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10^6 cells in 100ul or 100ul whole blood.
References	1. Peñas, P.F. *et al.* (2000) Tetraspanins are localized at motility-related structures and involved in normal human keratinocyte wound healing migration. J Invest Dermatol. 114 (6): 1126-35. 2. Casey, T.M. *et al.* (2007) Organelle proteomics: identification of the exocytic machinery associated with the natural killer cell secretory lysosome. Mol Cell Proteomics. 6 (5): 767-80. 3. Cepeda, V. & Fraile-Ramos, A. (2011) A role for the SNARE protein syntaxin 3 in human cytomegalovirus morphogenesis. Cell Microbiol. 13 (6): 846-58. 4. Suárez, H. *et al.* (2017) A bead-assisted flow cytometry method for the semi-quantitative analysis of Extracellular Vesicles. Sci Rep. 7 (1): 11271. 5. Oliveira-rodríguez, M. *et al.* (2016) Development of a rapid lateral flow immunoassay test for detection of exosomes previously enriched from cell culture medium and body fluids. J Extracell Vesicles. 5: 31803. 6. Andreu, Z. *et al.* (2016) Comparative analysis of EV isolation procedures for miRNAs detection in serum samples. J Extracell Vesicles. 5: 31655.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
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/MCA5672 10041
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
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

North & South America Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

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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