

Datasheet: MCA2074F

Description:	MOUSE ANTI HUMAN CD16/CD56:FITC
Specificity:	CD16/CD56
Format:	FITC
Product Type:	Monoclonal Antibody Panel
Clone:	LNK16/MEM-188
Isotype:	Cocktail
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	■			Neat - 1/10

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1mg/ml

External Database Links

UniProt:

O75015	Related reagents
P08637	Related reagents
P13591	Related reagents

Entrez Gene:

2215	FCGR3B	Related reagents
2214	FCGR3A	Related reagents
4684	NCAM1	Related reagents

Synonyms	CD16A, CD16B, FCG3, FCGR3, IGFR3, NCAM
Specificity	Mouse anti Human CD16/CD56 antibody panel, clones LNK16, MEM-188 is a combination of two monoclonal antibodies recognising the human CD16, clone LNK16 and CD56, clone MEM-188 cell surface antigens. This combination is particularly useful for the detection of all natural killer cells due to the fact that different subsets of these cells exist that are either CD16+/CD56+, CD16+/CD56- or CD16-/CD56+.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
References	1. Costa, P. CD56 Workshop Panel Report. In: Leucocyte typing VI. white cell differentiation antigens (1997) p. 271-272. Kishimoto, T. <i>et al.</i> Eds. Garland Publishing Inc. New York and London. 2. Harbige, L.S. <i>et al.</i> (2016) Immune Response of Healthy Adults to the Ingested Probiotic <i>Lactobacillus casei</i> Shirota. Scand J Immunol. 84 (6): 353-64.
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10041 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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