

Datasheet: MCA2074F

BATCH NUMBER 0413

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		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
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

RRID AB_323451

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 10⁶ 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. *et al.* Eds. Garland Publishing Inc. New York and London.
2. Harbige, L.S. *et al.* (2016) Immune Response of Healthy Adults to the Ingested Probiotic *Lactobacillus casei* 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.

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/MCA2074F>
10041

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

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

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

North & South Tel: +1 800 265 7376

America 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

'M366142:200529'

Printed on 16 May 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)