

## Datasheet: MCA2074F

**BATCH NUMBER 161193**

<b>Description:</b>	MOUSE ANTI HUMAN CD16/CD56:FITC
<b>Specificity:</b>	CD16/CD56
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody Panel
<b>Clone:</b>	LNK16 / MEM-188
<b>Isotype:</b>	Cocktail
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human		
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide		
<b>Stabilisers</b>	1% Bovine Serum Albumin		
<b>Approx. Protein Concentrations</b>	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](#)

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**Synonyms**            CD16A, CD16B, FCG3, FCGR3, IGFR3, NCAM

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**RRID**                AB\_323451

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**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+.

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**Flow Cytometry**        Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

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**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.](#)

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**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. This product is photosensitive and should be protected from light.

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**Guarantee**            12 months from date of despatch

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**Health And Safety  
Information**            Material Safety Datasheet documentation #10041 available at:  
<https://www.bio-rad-antibodies.com/SDS/MCA2074F>  
10041

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**Regulatory**            For research purposes only

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## 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](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

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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://bio-rad-antibodies.com/datasheets)

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