

Datasheet: MCA6075F

Description:	RAT ANTI MOUSE CD16/CD32:FITC
Specificity:	CD16/CD32
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	93
Isotype:	IgG2a
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	▪			1/5

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	Mouse						
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
FITC	490	525					
Preparation	Purified IgG prepared by affinity chromatography						
Buffer Solution	Phosphate buffered saline						
Preservative Stabilisers	0.09% Sodium Azide						
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml						
Immunogen	Sorted pre-B cells						
External Database Links	<p>UniProt:</p> <p>P08508 Related reagents</p> <p>P08101 Related reagents</p> <p>Entrez Gene:</p>						

[14131](#) Fcgr3 [Related reagents](#)

[14130](#) Fcgr2b [Related reagents](#)

Synonyms

Fcgr2b, Ly-17

Specificity

Rat anti Mouse CD16/CD32 antibody, clone 93 recognizes an epitope expressed by the murine low affinity Fc receptors, Fc gamma III (CD16) and Fc gamma II (CD32). In the mouse, only the transmembrane form of CD16 is reported to exist and is expressed on macrophages, NK cells, granulocytes, myeloid precursors, and subpopulations of T cells. CD32 is primarily expressed on cells of the myeloid lineage and also on mature B cells.

Flow Cytometry

Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. 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 #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Negative Controls

[RAT IgG2a NEGATIVE CONTROL:FITC \(MCA1212F\)](#)

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