

Datasheet: DC055

Description:	ANTI MOUSE CD11b:Alexa Fluor® 488/CD115:RPE
Specificity:	CD11b/CD115
Format:	ALEXA FLUOR® 488 / RPE
Product Type:	Dual Color Reagent
Clone:	M1/70.15 / 604B5 2E11
Isotype:	Cocktail
Quantity:	100 TESTS

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 - 1/5

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 systems using appropriate negative/positive controls.

Antibody Isotypes

A488 reagent Rat IgG2b
RPE reagent Rat IgG1

Target Species

Mouse

Product Form

Dual Colour combination consisting of Alexa Fluor® 488 conjugated and RPE conjugated monoclonal antibodies mixed in optimal ratio - lyophilised.

Reconstitution

Reconstitute with 1.0 ml distilled water

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
FITC	490	525
RPE 488nm laser	496	578
RPE 561nm laser	546	578

Buffer Solution

Phosphate buffered saline

Preservative

0.09% Sodium Azide

Stabilisers

1% Bovine Serum Albumin
5% Sucrose

External Database

Links

UniProt:

[P09581](#)

[Related reagents](#)

[P05555](#) [Related reagents](#)

Entrez Gene:

[12978](#) Csf1r [Related reagents](#)

[16409](#) Itgam [Related reagents](#)

Synonyms Csfmr, Fms

Specificity **anti Mouse CD11b:Alexa Fluor® 488/CD115:RPE** is a dual colour reagent containing antibodies which recognise murine CD115 and CD11b cell surface antigens.

Antibodies produced by clone 604B5 2E11 recognise the murine CD115 cell surface antigen, also known as the M-CSF receptor and c-fms. CD115 is expressed by cells of the monocytic lineage and by progenitor cells.

Antibodies produced by clone M1/70.15 recognise the murine CD11b cell surface antigen (also known as the alpha M integrin chain or MAC-1), a differentiation antigen expressed by granulocytes, monocytes, NK cells and tissue macrophages.

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

The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. This may be reduced by using SeroBlock FcR ([BUF041A/B](#)).

Storage Prior to reconstitution store at +4°C. Following reconstitution 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.

Shelf Life 12 months from date of reconstitution.

Acknowledgements This product is provided under an intellectual property licence from Life Technologies Corporation. The transfer of this product is contingent on the buyer using the purchase product solely in research, excluding contract research or any fee for service research, and the buyer must not sell or otherwise transfer this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; (c) manufacturing or quality assurance or quality control, or (d) resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad CA 92008 USA or outlicensing@thermofisher.com

Health And Safety Information Material Safety Datasheet documentation #10075 available at: 10075: <https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf>

Regulatory For research purposes only

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

Printed on 02 May 2018

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)