

## Datasheet: DC055

<b>Description:</b>	ANTI MOUSE CD11b:Alexa Fluor® 488/CD115:RPE
<b>Specificity:</b>	CD11b/CD115
<b>Format:</b>	ALEXA FLUOR® 488 / RPE
<b>Product Type:</b>	Dual Color Reagent
<b>Clone:</b>	M1/70.15 / 604B5 2E11
<b>Isotype:</b>	Cocktail
<b>Quantity:</b>	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](http://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

---

**RRID**            AB\_999332

---

**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 10<sup>6</sup> 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.

---

**Guarantee**         12 months from date of despatch

---

**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](mailto: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** 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

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

'M364499:200529'

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

**Printed on 11 Aug 2020**

---

© 2020 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)