

Datasheet: TC015

Description:	ANTI MSE Ly-6C:Alexa Fluor® 488/CD115:RPE/CD11b:RPE-Alexa Fluor® 647
Specificity:	Ly-6C/CD115/CD11b
Format:	3 Color
Product Type:	Triple Color Reagent
Clone:	ERMP20 / 604B5 2E11 / M1/70.15
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

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.

Antibody Isotypes	Ly-6C A488 reagent: Rat IgG2a CD115 RPE reagent: Rat IgG1 CD11b RPE-A647 reagent: Rat IgG2b
Target Species	Mouse
Product Form	Triple Color combination consisting of Alexa Fluor® 488, RPE and RPE-Alexa Fluor® 647 conjugated monoclonal antibodies mixed in optimal ratio - lyophilized
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
	RPE-Alexa Fluor®647 488nm laser	496	667
	RPE-Alexa Fluor®647 561nm laser	546	667

Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 5% Sucrose
External Database Links	<p>UniProt:</p> <p>P09568 Related reagents</p> <p>P09581 Related reagents</p> <p>P05555 Related reagents</p> <p>Entrez Gene:</p> <p>17067 Ly6c1 Related reagents</p> <p>12978 Csf1r Related reagents</p> <p>16409 Itgam Related reagents</p>
Synonyms	Csfmr, Fms, Ly6c
RRID	AB_1055774
Specificity	<p>Anti Mouse Ly-6C:Alexa Fluor® 488/CD115:RPE/CD11b:RPE-Alexa Fluor® 647 is a triple color reagent containing antibodies which recognize murine Ly-6C, CD115 and CD11b cell surface antigens.</p> <p>Antibodies produced by clone ERMP20 recognize murine Ly-6C, a 14 kDa differentiation antigen, which is expressed on macrophage/dendritic cell precursors in mid-stage development (late CFU-M, monoblasts and immature monocytes), granulocytes, and on a wide range of endothelial cells and subpopulations of B- and T-lymphocytes.</p> <p>Antibodies produced by clone 604B5 2E11 recognize the murine CD115 cell surface antigen, also known as the M-CSF receptor and as c-fms. CD115 is expressed by cells of the monocytic lineage and by progenitor cells.</p> <p>Antibodies produced by clone M1/70.15 recognize 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.</p>
Flow Cytometry	<p>Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.</p> <p>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).</p>
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.</p> <p>DO NOT FREEZE.</p>

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
-------------------------	--

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
----------------------------------	---	------------------	---	---------------	---

From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

'M374185:201020'

Printed on 09 Feb 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)