

Datasheet: MCA1209P750

Description:	MOUSE IgG1 NEGATIVE CONTROL:RPE-Alexa Fluor® 750
Specificity:	MOUSE IgG1 NEGATIVE CONTROL
Format:	RPE-ALEXA FLUOR® 750
Product Type:	Negative/Isotype Control
Isotype:	IgG1
Quantity:	100 TESTS/1ml

Product Details

RRID AB_567340

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	■			*

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 dilutes the antibody for use in their own system to a concentration equivalent to their test antibody.

Target Species Negative Control

Product Form Purified IgG conjugated to R. Phycoerythrin Alexa Fluor®750 - lyophilized

Reconstitution Reconstitute with 1.0 ml distilled water

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE-Alexa Fluor®750 488nm laser	496	779
	RPE-Alexa Fluor®750 561nm laser	546	779

Preparation Purified IgG prepared by ion exchange chromatography

Buffer Solution Phosphate buffered saline

Preservative 0.09% Sodium Azide
Stabilisers 1% Bovine Serum Albumin
 5% Sucrose

Immunogen Human T lymphocytes.

Fusion Partners Spleen cells from immunised BALB/c mice were fused with cells of the NS1 mouse myeloma cell

line.

Specificity **Mouse IgG1 Negative Control antibody** is suitable for use as a negative control to assess non-specific binding of mouse IgG1 antibodies to target cells. Mouse IgG1 Negative Control antibody has been tested and found to be negative on the following rat cell types, peripheral blood leucocytes, thymocytes, splenocytes and macrophages.

Clone F8-11-13 recognises the human CD45RA antigen, and therefore human leucocytes may be used as a positive control for this product. NOT SUITABLE FOR USE AS A NEGATIVE CONTROL ON HUMAN TISSUES

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

References

1. Weiss, D.J. *et al.* (2008) Bovine monocyte TLR2 receptors differentially regulate the intracellular fate of *Mycobacterium avium* subsp. *paratuberculosis* and *Mycobacterium avium* subsp. *avium*. [J Leukoc Biol. 83 \(1\): 48-55.](#)
2. Chen, W. *et al.* (2009) Expression of toll-like receptor 4 in uvea-resident tissue macrophages during endotoxin-induced uveitis. [Mol Vis. 15: 619-28.](#)
3. Safeukui I *et al.* (2015) Malaria induces anemia through CD8+ T cell-dependent parasite clearance and erythrocyte removal in the spleen. [MBio. 6 \(1\) pii: e02493-14.](#)
4. Aricha, R. *et al.* (2016) Suppression of experimental autoimmune myasthenia gravis by autologous T regulatory cells. [J Autoimmun. 67: 57-64.](#)
5. Wattegedera, S.R. *et al.* (2017) Enhancing the toolbox to study IL-17A in cattle and sheep. [Vet Res. 48 \(1\): 20.](#)

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 6 months from date of reconstitution

Acknowledgements This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is contingent on the buyer using the purchased product solely in research conducted by the buyer, 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

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:RPE-Alexa Fluor® 750 \(MCA928P750\)](#)

North & South Tel: +1 800 265 7376

America 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

'M344720:190118'

Printed on 20 May 2019

© 2019 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)