

Datasheet: TC023

BATCH NUMBER 169038

Description:	MSE IgG1:FITC/RAT IgG2a:RPE/RAT IgG1:Alexa Fluor® 647 -ve CONTROL
Specificity:	MULTIPLE IgG1/IgG2a/IgG1 NEGATIVE CONTROL
Format:	3 Color
Product Type:	Negative/Isotype Control
Isotype:	Cocktail
Quantity:	100 TESTS/1ml

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)	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures.

(1)It is recomended that the user dilutes the antibody for use in their own system to a concentration equivalent to their test reagent.

Antibody Isotypes

FITC reagent: IgG1 (MOUSE)
RPE reagent: IgG2a (RAT)
A647 reagent: IgG1 (RAT)

Target Species

Negative Control

Product Form

Triple Color combination consisting of FITC, RPE and 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)
	Alexa Fluor®647	650	665
	FITC	490	525
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578

Preparation

Antibody purified from tissue culture supernatant

Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	1% Bovine Serum Albumin 5% Sucrose
Specificity	<p>Multiple IgG1/IgG2a/IgG1 negative control is a suitable isotype control for the measurement of non-specific binding of mouse IgG1, rat IgG2a and rat IgG1 monoclonal antibodies, conjugated to FITC, RPE and Alexa Fluor ® 647 respectively, in three colour flow cytometry experiments.</p> <p>This product is appropriate for use in experiments targeting human, canine and porcine cells.</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <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.</p>
Guarantee	12 months from date of despatch
Acknowledgements	<p>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 purchased 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</p>
Health And Safety Information	<p>Material Safety Datasheet documentation #20487 available at: https://www.bio-rad-antibodies.com/SDS/TC023 20487</p>
Regulatory	For research purposes only

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