Datasheet: TC024

Description:	MSE IgG1:FITC/RAT IgG2a:RPE/RAT IgG1:RPE-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. 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.

(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)
RPE-A647 reagent: IgG1 (RAT)

Target Species

Negative Control

Product Form

Triple Colour combination consisting of FITC, RPE and RPE- Alexa Fluor® 647 conjugated monoclonal antibodies mixed in optimal ratio - lyophilised.

Reconstitution

Reconstitute with 1.0 ml distilled water

Max Ex/Em

Fluorophore	Emission Max (nm)	Excitation Max (nm)
Alexa Fluor®647	665	650
FITC	525	490
RPE 488nm laser	578	496
RPE 561nm laser	578	546

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

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

Specificity	**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 RPE-Alexa Fluor ® 647 respectively, in three colour flow cytometry experiments. This product is appropriate for use in experiments targeting human, canine and porcine cells.
Flow Cytometry	Use 10ul to label 10^6 cells or 100ul whole blood
Storage	Prior to reconstitution store at +4ºC. Following reconstitution store at +4ºC. 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 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
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Regulatory	For research purposes only

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