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 - 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 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 +4^{o}C. Following reconstitution store at +4^{o}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
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Health And Safety Information	Material Safety Datasheet documentation #20487 available at: https://www.bio-rad-antibodies.com/SDS/TC024 20487
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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