

## Datasheet: TC023

<b>Description:</b>	MSE IgG1:FITC/RAT IgG2a:RPE/RAT IgG1:Alexa Fluor® 647 -ve CONTROL
<b>Specificity:</b>	MULTIPLE IgG1/IgG2a/IgG1 NEGATIVE CONTROL
<b>Format:</b>	3 Color
<b>Product Type:</b>	Negative/Isotype Control
<b>Isotype:</b>	Cocktail
<b>Quantity:</b>	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](http://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 recommended that the user dilutes the antibody for use in their own system to a concentration equivalent to their test reagent.**

<b>Antibody Isotypes</b>	FITC reagent: IgG1 (MOUSE) RPE reagent: IgG2a (RAT) A647 reagent: IgG1 (RAT)		
<b>Target Species</b>	Negative Control		
<b>Product Form</b>	Triple Color combination consisting of FITC, RPE and Alexa Fluor® 647 conjugated monoclonal antibodies mixed in optimal ratio - lyophilized.		
<b>Reconstitution</b>	Reconstitute with 1.0 ml distilled water		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	Alexa Fluor®647	650	665
	FITC	490	525
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578
<b>Preparation</b>	Antibody purified from tissue culture supernatant		
<b>Buffer Solution</b>	Phosphate buffered saline		

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<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin 5% Sucrose

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<b>Specificity</b>	<b>Multiple IgG1/IgG2a/IgG1 negative control</b> 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.
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This product is appropriate for use in experiments targeting human, canine and porcine cells.

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<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul
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<b>Storage</b>	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.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #20487 available at: <a href="https://www.bio-rad-antibodies.com/SDS/TC023">https://www.bio-rad-antibodies.com/SDS/TC023</a> 20487
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<b>Regulatory</b>	For research purposes only
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