

## Datasheet: DC045

<b>Description:</b>	MOUSE IgG1:FITC/MOUSE IgG1:RPE NEGATIVE CONTROL
<b>Specificity:</b>	MOUSE IgG1/IgG1 NEGATIVE CONTROL
<b>Format:</b>	FITC/RPE
<b>Product Type:</b>	Negative/Isotype Control
<b>Isotype:</b>	Cocktail
<b>Quantity:</b>	100 TESTS

## 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	▪			Neat

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 titrates the antibody for use in their own systems using appropriate negative/positive controls.

<b>Antibody Isotypes</b>	FITC reagent: IgG1 (MOUSE) RPE reagent: IgG1 (MOUSE)		
<b>Target Species</b>	Negative Control		
<b>Product Form</b>	Dual Colour combination consisting of FITC conjugated and RPE 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>
	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		
<b>Preservative</b>	0.09% Sodium Azide		

<b>Stabilisers</b>	1% Bovine Serum Albumin
	5% Sucrose
<b>RRID</b>	AB_324101
<b>Specificity</b>	<p><b>Mouse IgG1 FITC / Mouse IgG1 RPE negative control</b> is suitable for use as a negative control for measurement of non-specific binding of mouse monoclonals of isotype IgG1 to rat tissue in a dual labelling technique using FITC and R-Phycoerythrin fluorochromes.</p> <p>N.B. For use with rat tissues only.</p>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label $10^6$ cells in 100ul.
<b>Storage</b>	<p>This product is shipped at ambient temperature.</p> <p>Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.</p> <p>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>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #20487 available at:</p> <p><a href="https://www.bio-rad-antibodies.com/SDS/DC04520487">https://www.bio-rad-antibodies.com/SDS/DC04520487</a></p>
<b>Regulatory</b>	For research purposes only

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