

Datasheet: DC057

**BATCH NUMBER 1703**

<b>Description:</b>	RAT IgG2a:FITC/RAT IgG1:RPE NEGATIVE CONTROL
<b>Specificity:</b>	RAT IgG2a/IgG1 NEGATIVE CONTROL
<b>Format:</b>	FITC/RPE
<b>Product Type:</b>	Negative/Isotype Control
<b>Isotype:</b>	IgG1, IgG2a
<b>Quantity:</b>	50 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 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.

<b>Antibody Isotypes</b>	FITC reagent: IgG2a (RAT) RPE reagent: IgG1 (RAT)		
<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 0.5 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>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide		
<b>Stabilisers</b>	1% Bovine Serum Albumin		

5% Sucrose

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**Product Information** DC057 is suitable for use as a negative control for the measurement of non-specific binding of rat monoclonals of isotype IgG2a and IgG1 to human tissues in a dual labelling technique using FITC and R-Phycoerythrin fluorochromes.

Suitable for use as negative control for human, pig, dog and mouse.

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**Flow Cytometry** Use 10ul to label 10<sup>6</sup> cells or 100ul whole blood

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**Storage** Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.  
DO NOT FREEZE.  
This product should be stored undiluted. This product is photosensitive and should be protected from light.

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**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/DC057>  
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**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](https://www.bio-rad-antibodies.com/datasheets)  
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