

## 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.

### Antibody Isotypes

FITC reagent: IgG1 (MOUSE)  
RPE reagent: IgG1 (MOUSE)

### Target Species

Negative Control

### Product Form

Dual Colour combination consisting of FITC conjugated and RPE 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)
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

DC045 is suitable for use 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.

N.B. For use with rat tissues only.

---

**Flow Cytometry** Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

---

**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. Should this product contain a precipitate we recommend microcentrifugation before use.

---

**Shelf Life** 12 months from date of reconstitution.

---

**Health And Safety Information** Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10075 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf>

---

**Regulatory** For research purposes only

---

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M308839:170816'

**Printed on 16 Aug 2017**

---

© 2017 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)