

Datasheet: DC057

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

	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.

Antibody Isotypes

FITC reagent: IgG2a (RAT)
RPE reagent: IgG1 (RAT)

Target Species

Negative Control

Product Form

Dual Colour combination consisting of FITC conjugated and RPE conjugated monoclonal antibodies mixed in optimal ratio - lyophilized

Reconstitution

Reconstitute with 0.5 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

0.09% Sodium Azide

Stabilisers

1% Bovine Serum Albumin

5% Sucrose

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.

Flow Cytometry	Use 10ul to label 10 ⁶ 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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Shelf Life	12 months from date of reconstitution
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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
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Regulatory	For research purposes only
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Related Products

Recommended Negative Controls

[RAT IgG2a:FITC/RAT IgG2a:RPE NEGATIVE CONTROL \(DC036\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: 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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M308868:170816'

Printed on 16 Aug 2017

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