

Datasheet: DC058

Description:	MOUSE IgG1:FITC/RAT IgG2a:RPE NEGATIVE CONTROL
Specificity:	MULTIPLE IgG1/IgG2a 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: IgG1 (MOUSE)
RPE reagent: IgG2a (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

DC058 is suitable for use as a negative control for the measurement of non-specific binding of mouse monoclonals of isotype IgG1 and rat monoclonals of isotype IgG2a to human tissues in a dual labelling technique using FITC and R-Phycoerythrin fluorochromes. DC058 recognises a rat cell surface antigen and therefore cannot be used as a negative control in this species.

Flow Cytometry Use 10ul to label 10⁶ cells or 100ul whole blood

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.

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

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