

Datasheet: DC057

BATCH NUMBER 172168

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	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578
Preparation	Purified IgG from tissue culture supernatant		
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
Storage	This product is shipped at ambient temperature. 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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20487 available at: https://www.bio-rad-antibodies.com/SDS/DC057
Regulatory	For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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