

Datasheet: DC013

BATCH NUMBER 1114

Description:	MOUSE IgG2a:FITC/MOUSE IgG2a:RPE NEGATIVE CONTROL
Specificity:	MOUSE IgG2a/IgG2a NEGATIVE CONTROL
Format:	FITC/RPE
Product Type:	Negative/Isotype Control
Isotype:	Cocktail
Quantity:	50 TESTS/0.5ml

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 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 system using appropriate negative/positive controls.

Antibody Isotypes

FITC reagent: IgG2a (MOUSE)
RPE reagent: IgG2a (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 0.5ml distilled water
Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
	RPE 488nm laser	496	578
	RPE 561nm laser	546	578

Buffer Solution

Phosphate buffered saline

Preservative 0.09% Sodium Azide (NaN₃)
Stabilisers 1% Bovine Serum Albumin
5% Sucrose

RRID AB_322253

Specificity **Mouse IgG2a FITC / Mouse IgG2a RPE negative control** is suitable for use as a negative control for the measurement of non-specific binding of mouse monoclonals of isotype IgG2a to human tissues in a dual labelling technique using FITC and R-Phycoerythrin fluorochromes.

Flow Cytometry Use 10ul of reconstituted product to label 10⁶ cells in 100ul.

Storage 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.

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/DC013>
20487

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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