

Datasheet: DC013

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	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 (NaN ₃) 1% Bovine Serum Albumin 5% Sucrose		
Specificity	DC013 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 10 ⁶ 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.
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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