

Datasheet: DC012

Description:	MOUSE IgG1:FITC/MOUSE IgG1:RPE NEGATIVE CONTROL
Specificity:	MOUSE IgG1/IgG1 NEGATIVE CONTROL
Format:	FITC/RPE
Product Type:	Negative/Isotype Control
Isotype:	Cocktail
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 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: IgG1 (MOUSE) RPE reagent: IgG1 (MOUSE)		
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	Antibody purified from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide		

Stabilisers 1% Bovine Serum Albumin
 5% Sucrose

RRID AB_322251

Specificity **Mouse IgG1 FITC / Mouse IgG1 RPE negative control** is suitable for use as a negative control for the measurement of non-specific binding of mouse monoclonals of isotype IgG1 to human tissues in a dual labelling technique using FITC and R-Phycoerythrin fluorochromes.

Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells or 100ul whole blood.

References 1. Steele, J. *et al.* (2002) Detection of CD4(+)- and CD8(+)- T-cell responses to human papillomavirus type 1 antigens expressed at various stages of the virus life cycle by using an enzyme-linked immunospot assay of gamma Interferon release. [J. Virol. 76: 6027 - 6036.](#)
2. Youn, S.W. *et al.* (2004) Cellular senescence induced loss of stem cell proportion in the skin in vitro. [J Dermatol Sci. 35: 113-23.](#)

Storage Prior to reconstitution store at +4°C. Following reconstitution store at +4°C

This product should be stored undiluted.

DO NOT FREEZE. 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/DC012>
20487

Regulatory For research purposes only

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