Datasheet: DC012

BATCH NUMBER 153582

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 - lyophilised.

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

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide
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 10^6 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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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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