

Datasheet: DC024

Description:	MOUSE ANTI HUMAN CD3:FITC/CD56:RPE
Specificity:	CD3/CD56
Format:	FITC/RPE
Product Type:	Dual Color Reagent
Clone:	M2AB/C5.9
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: IgG2b (MOUSE)

Target Species

Human

Product Form

Dual Colour combination consisting of FITC conjugated and RPE conjugated monoclonal antibodies mixed in optimal ratio - liquid

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

0.08% Sodium Azide

Stabilisers

0.2% Gelatin

External Database

Links

UniProt:

P04234	Related reagents
P09693	Related reagents
P07766	Related reagents
P13591	Related reagents

Entrez Gene:

[915](#) CD3D [Related reagents](#)
[917](#) CD3G [Related reagents](#)
[916](#) CD3E [Related reagents](#)
[4684](#) NCAM1 [Related reagents](#)

Synonyms	NCAM, T3D, T3E, T3G
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Specificity	Mouse anti Human CD3:FITC/CD56:RPE is designed to permit to simultaneous enumeration of CD3 and CD56 positive cells. CD3 is expressed on all mature T lymphocytes. CD56 is a marker expressed by natural killer cells and a minor subset of T lymphocytes.
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Flow Cytometry	Use 10ul to label 10 ⁶ cells or 100ul whole blood.
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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.
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Shelf Life	18 months from the date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10050 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10050.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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'M313789:180403'

Printed on 03 Apr 2018

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