

Datasheet: DC031

Description:	MOUSE ANTI HUMAN MYELOPEROXIDASE:FITC/CD3:RPE
Specificity:	MPO/CD3
Format:	FITC/RPE
Product Type:	Dual Color Reagent
Clone:	2C7 / UCHT1
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 (1)	▪			

Where this product 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 product for use in their own system using appropriate negative/positive controls.

(1) Membrane permeabilization is required for this application. The use of Leucoperm (Product Code [BUF09](#)) is recommended for this purpose.

Antibody Isotypes	FITC reagent: IgG1 (MOUSE) RPE reagent: IgG1 (MOUSE)		
Target Species	Human		
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
Buffer Solution	Phosphate buffered saline		

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

External Database Links

UniProt:

P09693	Related reagents
P05164	Related reagents
P04234	Related reagents
P07766	Related reagents

Entrez Gene:

917	CD3G	Related reagents
4353	MPO	Related reagents
915	CD3D	Related reagents
916	CD3E	Related reagents

Synonyms T3D, T3E, T3G

RRID AB_323290

Specificity Clone UCHT-1 recognises the human CD3 antigen, which is expressed by all mature T cells at the cell surface. CD3 is expressed in the cytoplasm of immature T cells.

Clone 2C7 recognises myeloperoxidase, an intracellular enzyme expressed by cells of myeloid lineage.

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

Storage Prior to reconstitution store at +4°C. Following reconstitution 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: 20487: <https://www.bio-rad-antibodies.com/uploads/MSDS/20487.pdf>

Regulatory For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1:FITC/MOUSE IgG1:RPE NEGATIVE CONTROL \(DC012\)](#)

Recommended Useful Reagents

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

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

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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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