

Datasheet: DC005

Description:	MOUSE ANTI HUMAN CD3:FITC/CD19:RPE
Specificity:	CD3/CD19
Format:	FITC/RPE
Product Type:	Dual Color Reagent
Clone:	UCHT1 / LT19
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 the appropriate negative/positive controls.

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 - 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

**External Database
Links**

UniProt:

[P04234](#) [Related reagents](#)

[P09693](#) [Related reagents](#)

[P07766](#) [Related reagents](#)

[P15391](#) [Related reagents](#)

Entrez Gene:

[915](#) CD3D [Related reagents](#)

[917](#) CD3G [Related reagents](#)

[916](#) CD3E [Related reagents](#)

[930](#) CD19 [Related reagents](#)

Synonyms

T3D, T3E, T3G

RRID

AB_321262

Specificity

Mouse anti Human CD3:FITC/CD19 dual color reagent may be used to simultaneously enumerate CD3 and CD19 positive cells.

UCHT1 recognises the human CD3 antigen, a complex of 5 polypeptide chains with molecular weights of 16-28 kDa, expressed by mature T cells. LT19 recognises the human CD19 antigen, a pan B cell marker.

Flow Cytometry

Use 10ul of the suggested working dilution to label 10^6 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 #10075 available at:
10075: <https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf>

Regulatory

For research purposes only

Related Products

Recommended Negative Controls

Recommended Useful Reagents

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

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

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