

Datasheet: DC027

Description:	MOUSE ANTI HUMAN CD4:FITC/CD25:RPE
Specificity:	CD4/CD25
Format:	FITC/RPE
Product Type:	Dual Color Reagent
Clone:	7E14/1TYV
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	▪			

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.

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 - 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:**[P01730](#) [Related reagents](#)[P01589](#) [Related reagents](#)**Entrez Gene:**[920](#) CD4 [Related reagents](#)[3559](#) IL2RA [Related reagents](#)**RRID** AB_1125262**Specificity** **Mouse anti Human CD4:FITC/CD25:RPE Dual color reagent** is designed for the simultaneous enumeration of CD4 and CD25 positive cells, and is particularly useful for the assessment of the activation status of CD4+ve T cells.**Flow Cytometry** Use 10ul to label 10⁶ cells or 100ul whole blood**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.

Guarantee 6 months from date of despatch**Health And Safety Information** Material Safety Datasheet documentation #10050 available at: 10050: <https://www.bio-rad-antibodies.com/uploads/MSDS/10050.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 \(BUF070B\)](#)**North & South America** Tel: +1 800 265 7376

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Email: antibody_sales_us@bio-rad.com**Worldwide**

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