

## Datasheet: DC027

<b>Description:</b>	MOUSE ANTI HUMAN CD4:FITC/CD25:RPE
<b>Specificity:</b>	CD4/CD25
<b>Format:</b>	FITC/RPE
<b>Product Type:</b>	Dual Color Reagent
<b>Clone:</b>	7E14/1TYV
<b>Isotype:</b>	Cocktail
<b>Quantity:</b>	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](http://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](#)

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<b>Specificity</b>	<b>Mouse anti Human CD4:FITC/CD25:RPE Dual color reagent</b> 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.
<b>Flow Cytometry</b>	Use 10ul to label 10 <sup>6</sup> cells or 100ul whole blood.
<b>Storage</b>	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.
<b>Shelf Life</b>	6 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10050 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10050.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10050.pdf</a>
<b>Regulatory</b>	For research purposes only

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## 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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'M312048:180115'

**Printed on 18 Jan 2018**