

Datasheet: DC010

Description:	MOUSE ANTI HUMAN CD45RA:FITC/CD8:RPE
Specificity:	CD45RA/CD8
Format:	FITC/RPE
Product Type:	Dual Color Reagent
Clone:	F8-11-13/LT8
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/postive 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	Emission Max (nm)	Excitation Max (nm)
FITC	525	490
RPE 488nm laser	578	496
RPE 561nm laser	578	546

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

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

External Database Links

UniProt:

[P01732](#)

[Related reagents](#)

[P08575](#) [Related reagents](#)

[P10966](#) [Related reagents](#)

Entrez Gene:

[925](#) CD8A [Related reagents](#)

[5788](#) PTPRC [Related reagents](#)

[926](#) CD8B [Related reagents](#)

Synonyms	CD45, CD8B1, MAL
Specificity	Mouse anti Human CD45RA:FITC/CD8:RPE has been developed to allow the simultaneous evaluation of CD45RA and CD8 expressing cells by flow cytometry. CloneF8-11-13 recognises CD45RA, a ~220 kDa glycoprotein expressed by B cells, monocytes and a subset of T-cells. Clone LT8 recognises CD8, a 32kD glycoprotein expressed by the suppressor/cytotoxic subset of T cells, and weakly by NK cells.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
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.
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10075 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10075.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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