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Datasheet for ABIN135362  
**anti-CD45RC antibody (FITC)**

1 Image

### Overview

Quantity:	0.5 mg
Target:	CD45RC
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD45RC antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

### Product Details

Immunogen:	Unknown
Clone:	C455-1F
Isotype:	IgG2a
Specificity:	Mouse CD45RC, Mr 200-240 kDa
Characteristics:	Rat Anti-Mouse CD45RC-FITC

### Target Details

Target:	CD45RC
Alternative Name:	CD45RC ( <a href="#">CD45RC Products</a> )
Background:	The CD45 family of cell-surface glycoprotein antigens exist as a set of isoforms. The patterns of monoclonal antibody recognition of the CD45 phenotypes can be restricted (CD45RA, RB and

## Target Details

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RC), or broader, such as the CD45 T-200 species. The restricted subsets of this group arise as a result of translation of alternatively spliced mRNAs from exons A, B and C (exons 4, 5 and 6), where exons 3-15 encode the extracellular domain of the CD45 molecule. The restricted epitopes are differentially expressed on T and B lymphocytes, including functionally distinct T cells.

## Application Details

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Application Notes:

- **Applications:** FC - Quality tested
- **Working Dilutions:** Flow Cytometry FITC and BIOT conjugates 1 g/10<sup>6</sup> cells PE conjugate 0.2 g/10<sup>6</sup> cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

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Sample Volume: 1 mL

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Restrictions: For Research Use only

## Handling

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Concentration: 0.5 mg/mL

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Buffer: 0.5 mg or 0.1 mg in 1.0 mL of PBS/Sodium azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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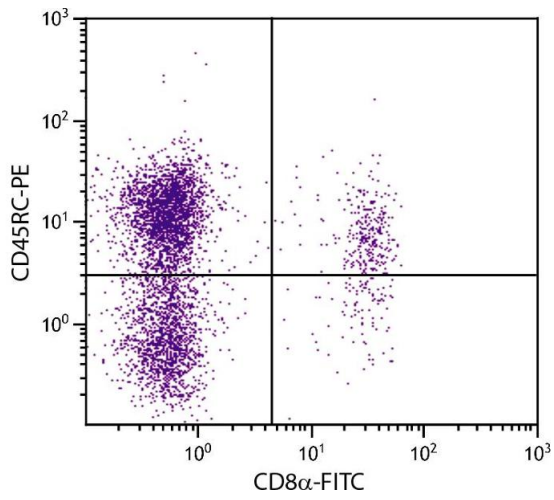
Handling Advice: **Protect conjugated products from light.**  
Each reagent is stable for the period shown on the bottle label if stored as directed.

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Storage: 4 °C

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Storage Comment: Store at 2-8°C



### Flow Cytometry

**Image 1.** BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45RC-PE.