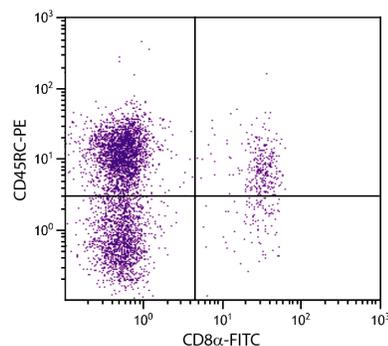




Rat Anti-Mouse CD45RC

Cat. No.	Format	Size
1820-01	Purified (UNLB)	0.5 mg
1820-02	Fluorescein (FITC)	0.5 mg
1820-02S	Fluorescein (FITC)	0.1 mg
1820-08	Biotin (BIOT)	0.5 mg
1820-09	R-phycoerythrin (PE)	0.1 mg



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45RC-PE (SB Cat. No. 1820-09) and Rat Anti-Mouse CD8α-FITC (SB Cat. No. 1550-02).

Overview

Clone	C455.1F
Isotype	Rat IgG _{2a} k
Immunogen	Unknown
Specificity	Mouse CD45RC; Mr 200-240 kDa
Alternate Name(s)	N/A

Description

CD45RC represents an exon C-dependent isoform of CD45 glycoprotein. It is expressed at high density on all B lymphocytes, at intermediate density on most CD8⁺ splenic T cells, and on two subpopulations of CD4⁺ splenic T cells with high and low density of expression. CD45RC is also present on a small subset of thymocytes.

Applications

FC – Quality tested

Working Dilutions

Flow Cytometry	FITC and BIOT conjugates	$\leq 1 \mu\text{g}/10^6 \text{ cells}$
	PE conjugate	$\leq 0.2 \mu\text{g}/10^6 \text{ cells}$
For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL .		

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.5 mg or 0.1 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific (M)SDS.