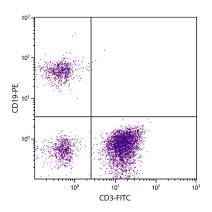




Mouse F(ab')₂ Anti-Human CD19

Cat. No.	Format	Size
9342-01	Purified (UNLB)	0.1 mg
9342-02	Fluorescein (FITC)	100 tests
9342-09	R-phycoerythrin (PE)	100 tests



Human peripheral blood lymphocytes were stained with Mouse F(ab¹)₂ Anti-Human CD19-PE (SB Cat. No. 9342-09) and Mouse Anti-Human CD3-FITC (SB Cat. No. 9515-02).

Overview

Clone SJ25-C1

Isotype Mouse (BALB/c) $F(ab')_2 IgG_1\kappa$

Immunogen NALM-1 and NALM-16 leukemia cell line

Specificity Human CD19; Mr 95 kDa

Alternate Name(s) B4, B-lymphocyte antigen, Leu-12

Workshop | | | L17; | | | 073, 734

Description

CD19 is a type I transmembrane glycoprotein and a member of the immunoglobulin superfamily. It is expressed at all stages of B cell differentiation except terminally differentiated plasma cells. It is also present on the cell surface of follicular dendritic cells. CD19 associates with CD21, CD81, Leu 13 and/or MHC Class II molecules to form a signal transduction complex on the B cell surface. This signaling complex modulates the activation threshold for the B cell antigen receptor (BCR).

Applications

FC – Quality tested ⁵⁻¹³
IHC-FS – Reported in literature ¹
IP – Reported in literature ²
Block – Reported in literature ^{3,4}

Working Dilutions

Flow Cytometry FITC and PE conjugates $10 \mu L/10^6$ cells

For flow cytometry, the suggested use of these reagents is in a final volume of 100 μ L

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 0.1 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 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 100 tests 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.

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