

Datasheet for ABIN135683

**anti-CD19 antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	CD19
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD19 antibody is un-conjugated
Application:	Flow Cytometry (FACS), DNA Microscopy (DNA Mic)

## Product Details

Immunogen:	NALM-1 and NALM-16 leukemia cell line
Clone:	SJ25-C1
Isotype:	IgG1
Specificity:	Human CD19, Mr 95 kDa
Characteristics:	Mouse Anti-Human CD19-UNLB
Purification:	Purified

## Target Details

Target:	CD19
Alternative Name:	CD19 ( <a href="#">CD19 Products</a> )
Background:	CD19 is a type I transmembrane glycoprotein and a member of the immunoglobulin

## Target Details

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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).

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#)

## Application Details

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Application Notes:

- **Applications:** FC - Quality tested , IHC-FS - Reported in literature , IP - Reported in literature , Block - Reported in literature
- **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC, BIOT, PE, PE/TXRD, APC, SPRD, CY5, PE/CY5.5, 10 L/106 cells PE/CY7, APC/CY5.5, APC/CY7, PACBLU, AF488, AF647, and AF700 conjugates For flow cytometry, the suggested use of these reagents is in a final volume of 100 L

Sample Volume: 1 mL

Restrictions: For Research Use only

## Handling

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Concentration: 0.1 mg/mL

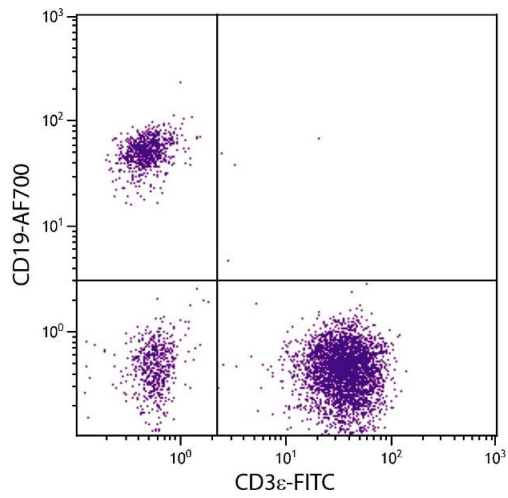
Buffer: 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added

Preservative: Without preservative

Handling Advice: Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage: 4 °C

Storage Comment: Store at 2-8°C



### Flow Cytometry

**Image 1.** Human peripheral blood lymphocytes were stained with Mouse Anti-Human CD19-AF700.