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# FITC Anti-Human CD19 Antibody[CB19]

Catalog Number: E-AB-F1004C

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### Description

Reactivity Human; Rhesus; Cynomolgus

Host Mouse

Mouse IgG1, κ Isotype

Clone No. **CB19** 

FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C] Isotype Control

Conjugation

**Conjugation Information** FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

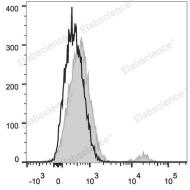
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

#### **Applications** Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### Data



Human peripheral blood lymphocytes are stained with FITC Anti-Human CD19 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

### **Preparation & Storage**

Keep as concentrated solution. **Storage** 

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

**Shipping** Ice bag

### **Antigen Information**

**Alternate Names** B-lymphocyte antigen CD19;CD19;Cd19;Differentiation antigen CD19

**Uniprot ID** P15391 Gene ID 930

# For Research Use Only

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Rev. V1.6

#### Elabscience Bionovation Inc.



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# **Background**

CD19 is a 95 kD type I transmembrane glycoprotein also known as B4. It is a member of the immunoglobulin superfamily expressed on B-cells (from pro-B to blastoid B cell s, absent on plasma cells) and follicular dendritic cells. CD19 is involved in B cell development, activation, and differentiation. CD19 forms a complex with CD21 (CR2) and CD81 (TAPA-1), and functions as a BCR co-receptor.

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