A Reliable Research Partner in Life Science and Medicine

PE/Cyanine7 Anti-Human CD19 Antibody[SJ25C1]

Catalog Number: AN00334H

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ **Clone No.** SJ25C1

Isotype Control PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792H]

Conjugation PE/Cyanine 7

Conjugation Information PE/Cyanine7 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm

(e.g., a 780/60 nm bandpass filter).

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

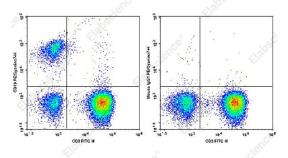
Applications Recommended usage

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Staining of normal human peripheral blood cells with FITC Anti-Human CD3 Antibody and PE/Cyanine7 Anti-Human CD19 Antibody[SJ25C1](left) or PE/Cyanine7 Rat IgG2a, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

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 CD19 Molecule;CD19 Antigen;Differentiation Antigen CD19;B-Lymphocytes Surface

Antigen B4;T-cell Surface Antigen Leu-12;CVID3;B4;B-lymphocyte Antigen CD19

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Elabscience®

Elabscience Bionovation Inc.

A Reliable Research Partner in Life Science and Medicine

 Uniprot ID
 P15391

 Gene ID
 930

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.