

Elab Fluor® 488 Anti-Human CD19 Antibody[SJ25C1]

Catalog Number: AN00334L

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

Description

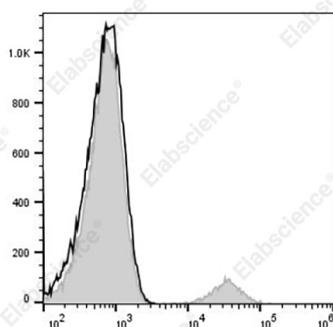
| | |
|--------------------------------|---|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | SJ25C1 |
| Isotype Control | Elab Fluor® 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L] |
| Conjugation | Elab Fluor® 488 |
| Conjugation Information | Elab Fluor® 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 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



Staining of normal human peripheral blood cells with Elab Fluor® 488 Anti-Human CD19 Antibody[SJ25C1] (filled gray histogram) or Elab Fluor® 488 Mouse IgG1, κ Isotype Control (empty black histogram). 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 24 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 |
| Uniprot ID | P15391 |

For Research Use Only

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 cells, 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.