

## FITC Anti-Human CD5 Antibody[5D7]

Catalog Number: GFH1371C

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

### Description

|                         |                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                    |
| Host                    | Mouse                                                                                                                                                    |
| Isotype                 | Mouse IgG1, κ                                                                                                                                            |
| Clone No.               | 5D7                                                                                                                                                      |
| Isotype Control         | FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C]                                                                                       |
| Conjugation             | FITC                                                                                                                                                     |
| 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% sodium azide.                                                                                      |

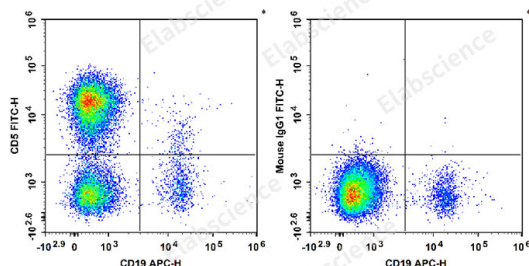
### Applications

### 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 APC Anti-human CD19 Antibody and FITC Anti-Human CD5 Antibody[5D7] (Left). Lymphocytes are stained with APC Anti-human CD19 Antibody and FITC Mouse IgG1, κ Isotype Control (Right).

### Preparation & Storage

|          |                                                                                                     |
|----------|-----------------------------------------------------------------------------------------------------|
| Storage  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Do not freeze. |
| Shipping | Ice bag                                                                                             |

### Antigen Information

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Alternate Names | LEU1;Leu-1;Ly-1;Lymphocyte antigen T1/Leu-1;T-cells surface glycoprotein CD5;T1;Tp67 |
| Uniprot ID      | P06127                                                                               |
| Gene ID         | 921                                                                                  |

### For Research Use Only

## Background

CD5 is a 67 kD single chain type I glycoprotein also known as Leu-1, Ly-1 and T1. It is a member of the scavenger receptor superfamily found on T cells, thymocytes, B cell subsets, chronic B lymphocytic leukemia (B-Cells), and peripheral blood dendritic cells. CD5 modulates T and B cell receptor signaling, thymocyte maturation, and T-B cell interactions upon binding to ligands such as CD72.