

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® Violet 450 Anti-Human CD5 Antibody[HISM2]

Catalog Number: E-AB-F1313Q

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

### **Description**

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. HISM2

Isotype Control Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-

F09792Q1

Conjugation Elab Fluor® Violet 450

**Conjugation Information** Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

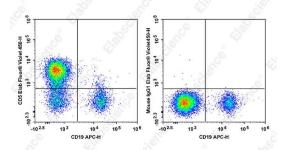
#### **Applications** Recommended usage

**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 APC

Anti-Human CD19 Antibody and Elab Fluor® Violet 450 Anti-Human CD5 Antibody[HISM2] (Left). Lymphocytes are stained with APC Anti-Human CD19 Antibody and Elab Fluor

<sup>®</sup> Violet 450 Mouse IgG1, к Isotype Control (Right).

# **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** CD5;LEU1;Lymphocyte antigen T1/Leu-1;T-cell surface glycoprotein CD5

**Uniprot ID** P06127

# For Research Use Only

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## **Elabscience Bionovation Inc.**



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Gene ID Background 921

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 cell s. CD5 modulates T and B cell receptor signaling, thymocyte maturation, and T-B cell interactions upon binding to ligands such as CD72.