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

Catalog No.E-AB-F1313QReactivityHumanStorageStore at 2~8°C, Avoid freeze / thaw cyclesApplicationsFCM

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

Antigen Information

Alternate Names T-cell surface glycoprotein CD5,CD5,Lymphocyte antigen T1/Leu-1,LEU1

Uniprot ID P06127 **Gene ID** 921

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.

Product Details

Form Liquid

Size 20Tests/100Tests/100Tests×2

Clone No. HISM2 Host Mouse

Isotype Mouse IgG1, κ

Reactivity Human **Application** FCM

Isotype ControlElab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792Q]Storage BufferPhosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

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

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Email: techsupport@elabscience.com

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Fluorophore

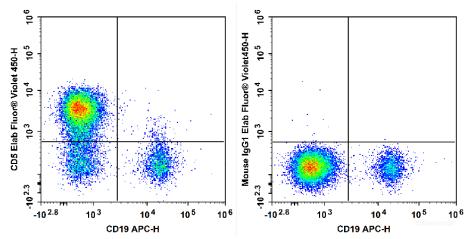
Conjugation: Elab Fluor® Violet 450

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).

Recommended usage

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.

Product 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[®] Violet 450 Mouse IgG1, κ Isotype Control (Right).

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html

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