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Elab Fluor® Violet 450 Anti-Human CD19 Antibody[4G7]

E-AB-F1127Q Catalog No. Reactivity Human Storage Store at 2~8°C, Avoid freeze / thaw cycles **Applications FCM**

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

Antigen Information

Alternate Names B4, CVID3,B-lymphocyte antigen CD19,B-lymphocyte surface antigen B4,T-cell surface antigen

Leu-12

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 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.

Product Details

Form Liquid

Size 20Tests/100Tests/100Tests×2

Clone No. 4G7 Host Mouse

Mouse IgG1, κ **Isotype**

Reactivity Human **Application FCM**

Elab Fluor[®] Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792O] **Isotype Control Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Biological ice pack at 4 °C Shipping 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

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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 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.

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/Listdetail-459742.html

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