Elabscience®

Elab Fluor[®] Violet 450 Anti-Human CD40 Antibody[G28.5]

Catalog No.E-AB-F1214QStorageStore at 2~8°C, Avoid freeze / thaw cycles

ReactivityHumanApplicationsFCM

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

Antigen Information

Alternate Names	Bp50,CDw40,CD40L receptor,TNFRSF5
Uniprot ID	P25942
Gene ID	958
Background	CD40 is a 48 kD type I glycoprotein also known as BP50. It is a member of the TNFR superfamily primarily expressed on B cells, macrophages, follicular dendritic cells, endothelial cells, fibroblasts, and at low levels on plasma cells. CD40 has been reported to be involved in B cell differentiation, costimulation, isotype class-switching, and protection of B cells from apoptosis. Additionally, CD40 is important for T cell-B cell interactions. The ligand of CD40 is CD154 (CD40 ligand).

Product Details

Form	Liquid
rum	Liquid
Size	20Tests/100Tests/100Tests×2
Clone No.	G28.5
Host	Mouse
Isotype	Mouse IgG1, ĸ
Reactivity	Human
Application	FCM
Isotype Control	Elab Fluor [®] Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792Q]
Storage Buffer	Phosphate 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

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Fluorophore

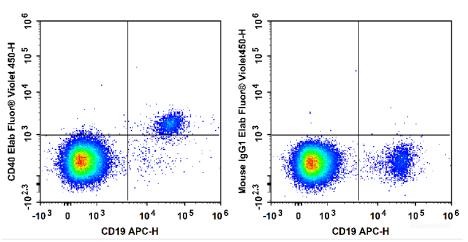
Conjugation: Elab Fluor[®] Violet 450

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 CD40 Antibody (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 <u>https://www.elabscience.com/List-detail-5568.html</u>
- 3. Flow Cytometry Troubleshooting Tips <u>https://www.elabscience.com/List-detail-5593.html</u>

4. How to select the appropriate detection channel through the spectrogram? <u>https://www.elabscience.com/List-detail-459742.html</u>