

Fax: 1-832-243-6017



A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 647 Anti-Human CD40 Antibody[G28.5]

Catalog No. E-AB-F1214M 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 Bp50,CDw40,CD40L receptor,TNFRSF5

Uniprot ID P25942

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

20Tests/100Tests/100Tests×2 Size

Clone No. G28.5 Mouse Host

Isotype Mouse IgG1, κ

Human Reactivity **FCM Application**

Elab Fluor[®] 647 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M] **Isotype Control** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. **Storage Buffer**

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

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Email: techsupport@elabscience.com Web: www.elabscience.com

A Reliable Research Partner in Life Science and Medicine

Fluorophore

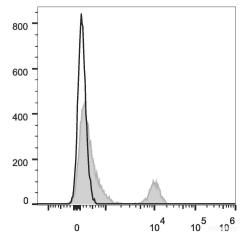
Conjugation: Elab Fluor® 647

Elab Fluor[®] 647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 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 Elab Fluor[®] 647 Anti-Human CD40 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

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

For Research Use Only

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

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

Fax: 1-832-243-6017