

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® 700 Anti-Human CD41 Antibody[HIP8]

Catalog Number: E-AB-F1088M1

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

Description

Reactivity Human Host Mouse

Isotype Mouse $\lg G1$, κ

Clone No. HIP8

Isotype Control Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1]

Conjugation Elab Fluor® 700

Conjugation Information Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter).

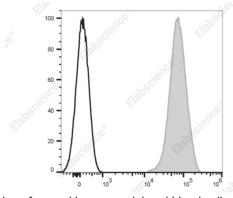
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 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.

Data



Staining of normal human peripheral blood cells with Elab

Fluor[®] 700 Anti-Human CD41 Antibody[HIP8] (filled gray histogram) or Elab Fluor[®] 700 Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the platelets gate were used for analysis.

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 ITGAB;CD41;GP2B;GPIlb;GPalpha lib;ITGA2B;Integrin alpha-lib;Platelet membrane

glycoprotein lib

Uniprot ID P08514

For Research Use Only

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Gene ID Background 3674

CD41 is a 125/25 kD α subunit of the gpllb/llla (CD41/CD61) complex. CD41 is a heterodimer composed of a heavy chain (gpllb α) and light chain (gpllb β) linked by a single disulfide bond. It is a member of the integrin family primarily expressed on platelets and megakaryocytes. CD41 has been reported to be involved with platelet aggregation and platelet attachment to the ECM. CD41/CD61 complex acts as the receptor for fibrinogen, fibronectin, Von Willebrand factor and thrombin.