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

Catalog Number: E-AB-F1088M1

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

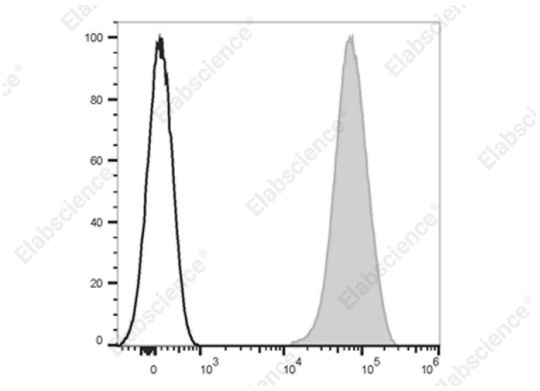
Description

Reactivity	Human;Rhesus
Host	Mouse
Isotype	Mouse IgG1, 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 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.

Data



Staining of normal human peripheral blood cells with Elab Fluor® 700 Anti-Human/Monkey 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 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	ITGAB;CD41;GP2B;GPIIb;GPalpha lib;ITGA2B;Integrin alpha-lib;Platelet membrane glycoprotein lib
Uniprot ID	P08514

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Gene ID	3674
Background	CD41 is a 125/25 kD α subunit of the gpIIb/IIIa (CD41/CD61) complex. CD41 is a heterodimer composed of a heavy chain (gpIIbα) and light chain (gpIIbβ) 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.

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