Elabscience®

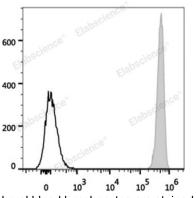
Elab Fluor[®] 488 Anti-Human CD41 Antibody[HIP8]

Catalog Number: E-AB-F1088L

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

Description	
Reactivity	Human
Host	Mouse
lsotype	Mouse IgG1, κ
Clone No.	HIP8
Isotype Control	Elab Fluor [®] 488 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792L]
Conjugation	Elab Fluor [®] 488
Conjugation Information	Elab Fluor [®] 488 is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 520 nm (e.g., a 525/40 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.
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



Human peripheral blood lymphocytes are stained with Elab

Fluor[®] 488 Anti-Human CD41 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.

Preparation & Storage	e
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;GPIIb;GPalpha lib;ITGA2B;Integrin alpha-lib;Platelet membrane glycoprotein lib
Uniprot ID	P08514
Gene ID	3674

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Background

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.