

A Reliable Research Partner in Life Science and Medicine

FITC Anti-Human CD41 Antibody[HIP8]

Catalog Number: E-AB-F1088C

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

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. HIP8

FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792C] Isotype Control

Conjugation

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

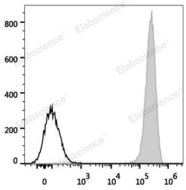
Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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



Human ErythroLeukemia cell line HEL are stained with FITC Anti-Human CD41 Antibody (filled gray histogram). Unstained Human ErythroLeukemia cell line HEL (empty black histogram) are used as control.

Preparation & Storage

Keep as concentrated solution. **Storage**

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 Gene ID 3674

For Research Use Only

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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.