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Purified Anti-Human CD41 Antibody[HIP8]

catalog number: E-AB-F1088A

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

Description

Reactivity Human

Immunogen Recombinant Human CD41 protein

Host Mouse

Isotype Mouse IgG1, κ

Clone HIP8

Purification >98%, Protein A/G purified

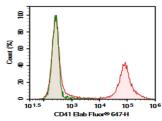
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



Human peripheral blood platelets were stained with 0.2 μ g Purified Anti-Human CD41 Antibody[HIP8] (Right) and 0.2 μ g Mouse IgG1, κ Isotype Control (Left), followed by Elab

Fluor[®] 647-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage Storage, avoid freeze /

thaw cycles.

Shipping Ice bag

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.

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