

Purified Anti-Human CD41 Antibody[HIP2]

catalog number: AN006650P

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

Description

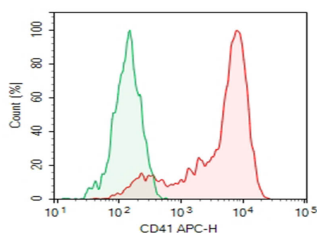
Reactivity	Human
Immunogen	Recombinant Human CD41 protein
Host	Mouse
Isotype	Mouse IgG3, κ
Clone	HIP2
Purification	>98%, Protein A/G purified
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

FCM $\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume

Data



Human peripheral blood platelets were stained with 0.2 μg Purified Anti-Human CD41 Antibody[HIP2] (Right) and 0.2 μg Mouse IgG3, κ Isotype Control(Left), followed by APC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	Ice bag

Background

CD41b is a β chain of glycoprotein IIb (known as CD41) which is associated with glycoprotein IIIa (or integrin β 3, CD61) and forms CD41/CD61 complex. CD41/CD61 mediates platelet adhesion and aggregation through the interaction with fibrinogen, fibronectin, von Willebrand factor, and thrombin. CD41 is expressed by platelets and megakaryocytes.

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