

APC Rabbit anti-Human CD41 mAb

Catalog No.: A28635

Basic Information

Observed MW

Calculated MW

113kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC81106

Conjugate

APC. Ex:650nm. Em:660nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in 100 μ l volume

Background

CD41 is the 125 kDa alpha subunit (α IIb) of the gpIIb/IIIa (CD41/CD61) complex. It exists as a heterodimer composed of a heavy chain (gpIIb α) and a light chain (gpIIb β) linked by a single disulfide bond. As a member of the integrin family, CD41 is predominantly expressed on platelets and megakaryocytes. It is reportedly involved in platelet aggregation and platelet adhesion to the extracellular matrix (ECM). The CD41/CD61 complex functions as a receptor for fibrinogen, fibronectin, von Willebrand factor, and thrombin.

Immunogen Information

Gene ID
3674

Swiss Prot
P08514

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GT; GT1; GTA; CD41; GP2B; HPA3; CD41B; GPIb; BDPLT2; BDPLT16; PPP1R93

Contact

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Product Information

Source
Rabbit

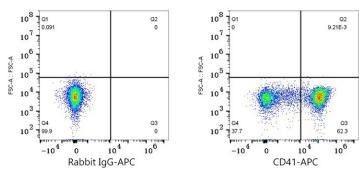
Isotype
IgG

Purification
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ Human peripheral blood platelets were surface-stained with APC Rabbit IgG isotype control (A24173,5 μ l/Test, left) or APC Rabbit anti-Human CD41 mAb (A28635,5 μ l/Test, right).