

PE/Cyanine7 Rabbit anti-Human CD41 mAb

Catalog No.: A29381

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC81106

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

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.

Recommended Dilutions

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

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; GPIIb; BDPLT2; BDPLT16; PPP1R93

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

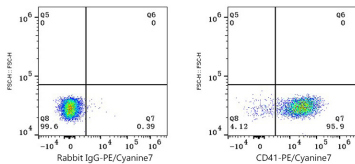
Affinity purification

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 PE/Cyanine7 Rabbit IgG isotype control (A28455, 5 µl/Test, left) or PE/Cyanine7 Rabbit anti-Human CD41 mAb (A29381, 5 µl/Test, right).