FITC Mouse anti-Human CD41 mAb

Catalog NO.: A22822

Basic Information

Observed MW
Refer to figures

Calculated MW
113kDa

Category
Monoclonal Antibodies

Applications
FC

Cross-Reactivity
Human

Conjugation
FITC. Ex:491nm. Em:516nm.

Clone number
AMC0542

Background

This gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia.

Recommended Dilutions

FC	10 µL/Test

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

Product Information

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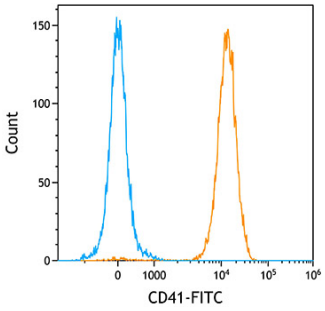
Source
Mouse

Isotype
IgG1

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.1% Proclin300,0.2% BSA,pH7.2.

Validation Data



Flow cytometry:1X10^6 Human peripheral blood platelets were surface-stained with FITC Mouse anti-Human CD41 mAb (A22822, orange line) or FITC Mouse IgG1 isotype control mAb (A22877, blue line).

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