

PE Mouse anti-Human CD42a mAb

Catalog No.: A27731

Basic Information

Observed MW

Calculated MW

19kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

AMC10013

Conjugate

PE. Ex:565nm. Em:574nm.

Background

This gene encodes a small membrane glycoprotein found on the surface of human platelets. It forms a 1-to-1 noncovalent complex with glycoprotein Ib, a platelet surface membrane glycoprotein complex that functions as a receptor for von Willebrand factor. The complete receptor complex includes noncovalent association of the alpha and beta subunits with the protein encoded by this gene and platelet glycoprotein V. Defects in this gene are a cause of Bernard-Soulier syndrome, also known as giant platelet disease. These patients have unusually large platelets and have a clinical bleeding tendency.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

2815

Swiss Prot

P14770

Immunogen

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

Synonyms

GP1X; CD42a

Contact

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Product Information

Source

Mouse

Isotype

IgG1, κ

Purification

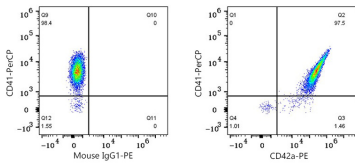
Affinity purification

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 PerCP Mouse anti-Human CD41 mAb (A22824,5 µl/Test) and PE Mouse IgG1 isotype control (A22878,5 µl/Test,left) or PE Mouse anti-Human CD42a mAb (A27731,5 µl/Test,right).