

ABflo® 488 Mouse anti-Human CD42a mAb

Catalog No.: A29427

Basic Information

Observed MW

Calculated MW

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

AMC10013

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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

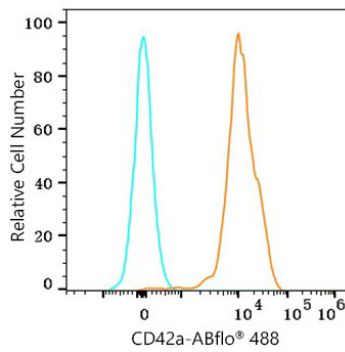
Affinity purification

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 ABflo® 594 Rabbit anti-Human CD61 mAb (A29427,5 µl/Test) and ABflo® 488 Mouse anti-Human CD42a mAb (A29427,5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test, blue line). Cells in the CD61+ gate were used for analysis.