

ABflo® 647 Rabbit anti-Human GP6/GPVI mAb

Catalog No.: A24104

Basic Information

Observed MW

Calculated MW

37kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC64454

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

This gene encodes a platelet membrane glycoprotein of the immunoglobulin superfamily. The encoded protein is a receptor for collagen and plays a critical role in collagen-induced platelet aggregation and thrombus formation. The encoded protein forms a complex with the Fc receptor gamma-chain that initiates the platelet activation signaling cascade upon collagen binding. Mutations in this gene are a cause of platelet-type bleeding disorder-11 (BDPLT11). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

51206

Swiss Prot

Q9HCN6

Immunogen

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

Synonyms

GPIV; GPVI; BDPLT11

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

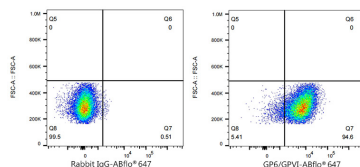
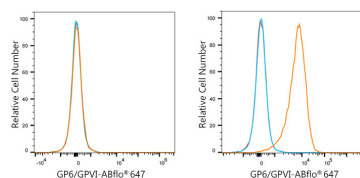
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10⁶ MOLT-4 cells (negative control, left) and HEL cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human GP6/GPVI mAb (A24104, 5 µl/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ HEL cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Human GP6/GPVI mAb (A24104, 5 µl/Test, right).