

GP6/GPVI Rabbit mAb

Catalog No.: A24110 **Recombinant**

Basic Information

Observed MW

Calculated MW

37kDa

Category

Primary antibody

Applications

FC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC64454

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 1:500 - 1:1000

Immunogen Information

Gene ID

51206

Swiss Prot

Q9HCN6

Immunogen

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

Synonyms

GPVI; GPVI; BDPLT11; GP6/GPVI

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

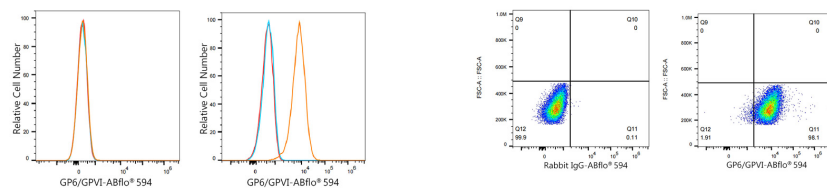
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1×10^6 MOLT-4 cells (negative control, left) and HEL cells (right) were surface-stained with GP6/GPVI Rabbit mAb (A24110, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 $\mu\text{l}/\text{Test}$, blue line), followed by ABflo® 594-conjugated Goat Anti-Rabbit IgG (H+L) staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 HEL cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 $\mu\text{l}/\text{Test}$, left) or GP6/GPVI Rabbit mAb (A24110, 2 $\mu\text{g}/\text{mL}$, right).