

# GP6/GPVI Rabbit mAb

Catalog No.: A24110 **Recombinant**

## Basic Information

### Observed MW

### Calculated MW

37kDa

### Category

Primary antibody

### Applications

ELISA,FC

### 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 fusion protein containing a sequence corresponding to amino acids 21-267 of human GP6/GPVI (NP\_057447.5).

### Synonyms

GPIV; GPVI; BDPLT11; GP6/GPVI

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

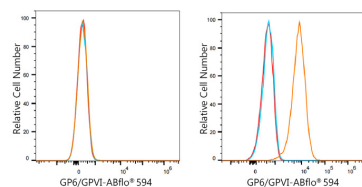
Affinity purification

### Storage

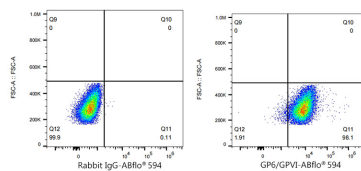
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



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