

# ABflo® 647 Rabbit anti-Human GP6/GPVI mAb

Catalog NO.: A24104

## Basic Information

### Observed MW

### Calculated MW

37kDa

### Category

Monoclonal Antibodies

### Applications

FC

### Cross-Reactivity

Human

### Conjugation

ABflo® 647. Ex:648nm. Em:664nm.

### Clone 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                      5 µl per 10<sup>6</sup> 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

## Product Information

|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

**Source**

Rabbit

**Isotype**

IgG

**Purification**

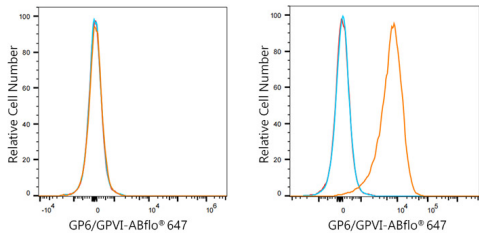
Affinity purification

**Storage**

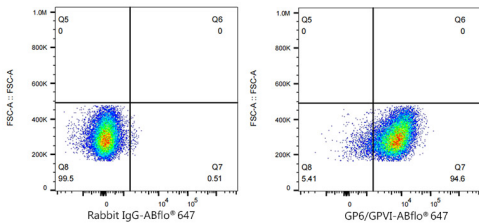
Store at 2-8°C. Avoid freeze.

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: 1X10<sup>6</sup> MOLT-4 cells (negative control, left) and HEL cells (right) were surface-stained with ABflo<sup>®</sup> 647 Rabbit anti-Human GP6/GPVI mAb (A24104, 5 µl/Test, orange line) or ABflo<sup>®</sup> 647 Rabbit IgG isotype control (A22070, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10<sup>6</sup> HEL cells were surface-stained with ABflo<sup>®</sup> 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo<sup>®</sup> 647 Rabbit anti-Human GP6/GPVI mAb (A24104, 5 µl/Test, right).

