

# PE Mouse anti-Human CD41 mAb

Catalog No.: A22823

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

113kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

AMC0542

### Conjugate

PE. Ex:565nm. Em:574nm.

## Recommended Dilutions

FC 10  $\mu$ L/Test

## Background

This gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia.

## Immunogen Information

### Gene ID

3674

### Swiss Prot

P08514

### Immunogen

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

### Synonyms

GT; GT1; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93

## Contact

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## Product Information

### Source

Mouse

### Isotype

IgG1

### Purification

Affinity purification

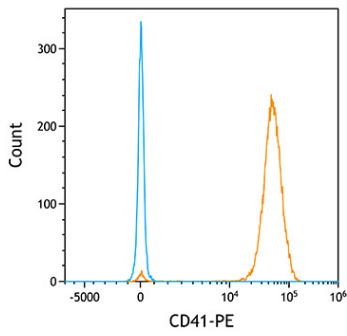
### Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.2.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  Human peripheral blood platelets were surface-stained with PE Mouse anti-Human CD41 mAb (A22823, orange line) or PE Mouse IgG1 isotype control mAb (A22878, blue line).