

# CD41/ITGA2B Rabbit pAb

Catalog No.: A11836

## Basic Information

### Observed MW

Refer to Figures

### Calculated MW

113kDa

### Category

Primary antibody

### Applications

ELISA, IF/ICC

### Cross-Reactivity

Human

## 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.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

3674

### Swiss Prot

P08514

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 160-260 of human CD41/ITGA2B (NP\_000410.2)

### Synonyms

GT; GT1; GTA; CD41; GP2B; HPA3; CD41B; GPIIb; BDPLT2; BDPLT16; PPP1R93; CD41/ITGA2B

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

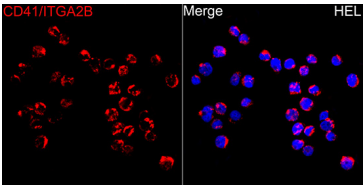
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data

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Immunofluorescence analysis of HEL cells using CD41/ITGA2B Rabbit pAb(A11836) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.