

# CD42b Rabbit pAb

Catalog No.: A16048

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

72kDa

### Category

Primary antibody

### Applications

### Cross-Reactivity

Human

## Background

Glycoprotein Ib (GP Ib) is a platelet surface membrane glycoprotein composed of a heterodimer, an alpha chain and a beta chain, that is linked by disulfide bonds. The Gp Ib functions as a receptor for von Willebrand factor (VWF). The complete receptor complex includes noncovalent association of the alpha and beta subunits with platelet glycoprotein IX and platelet glycoprotein V. The binding of the GP Ib-IX-V complex to VWF facilitates initial platelet adhesion to vascular subendothelium after vascular injury, and also initiates signaling events within the platelet that lead to enhanced platelet activation, thrombosis, and hemostasis. This gene encodes the alpha subunit. Mutations in this gene result in Bernard-Soulier syndromes and platelet-type von Willebrand disease. The coding region of this gene is known to contain a polymorphic variable number tandem repeat (VNTR) domain that is associated with susceptibility to nonarteritic anterior ischemic optic neuropathy.

## Recommended Dilutions

## Immunogen Information

### Gene ID

2811

### Swiss Prot

P07359

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 19-259 of human CD42b (NP\_000164.5).

### Synonyms

BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; GPIbalpha; CD42b-alpha; CD42b

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data

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