

# CD42b Antibody

Rabbit mAb Catalog # AP91420

### **Product Information**

ApplicationWB, IHCPrimary AccessionP07359ReactivityHumanClonalityMonoclonal

Other Names Antigen CD42b alpha; BDPLT1; BDPLT3; BSS; CD42b alpha; DBPLT3;

Glycoprotein Ibalpha; GP Ib alpha; GP1B; GP1BA; GPIb alpha; GPIbA; VWDP;

IsotypeRabbit IgGHostRabbitCalculated MW71540

#### **Additional Information**

**Dilution** WB 1:1000~1:5000 IHC 1:50~1:200

**Purification** Affinity-chromatography

**Immunogen** A synthesized peptide derived from human CD42b

**Description** CD42b is a platelet activation marker involved in the process of coagulation as

an aggregating factor. It interacts with extracellular matrix as well as with adhesion molecules. Its expression and activation seems to be regulated by

VEGF and PDGF.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

# **Protein Information**

Name GP1BA

**Function** GP-Ib, a surface membrane protein of platelets, participates in the formation

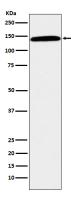
of platelet plugs by binding to the A1 domain of vWF, which is already bound

to the subendothelium.

**Cellular Location** Membrane; Single-pass type I membrane protein.

## **Images**

Western blot analysis of CD42b expression in human spleen lysate.



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