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## GP1BA Rabbit pAb

Catalog Number: bs-2347R

Target Protein: GP1BA

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted:Human, Rat)

Predicted MW: 67 kDa

Detected MW: 145 kDa

Entrez Gene: 2811

Swiss Prot: P07359

Source: KLH conjugated synthetic peptide derived from human GP1BA/CD42b: 201-300/626.

Purification: affinity purified by Protein A

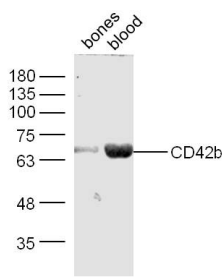
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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. Several polymorphisms and mutations have been described in this gene, some of which are the cause of Bernard-Soulier syndromes and platelet-type von Willebrand disease. [provided by RefSeq, Mar 2010].

### VALIDATION IMAGES

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Sample: Bones (Mouse) Lysate at 40 ug Blood (Mouse) Lysate at 40 ug Primary: Anti-CD42b (bs-2347R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 67 kD  
Observed band size: 67 kD

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=13.91]** Ye, Buqing, et al. "Cytosolic carboxypeptidase CCP6 is required for megakaryopoiesis by modulating Mad2 polyglutamylation."

The Journal of Experimental Medicine (2014): jem-20141123. Other ; ="Mouse" . 25332286

**[IF=11.413]** Wenhui Tao. et al. Artificial tumor microenvironment regulated by first hemorrhage for enhanced tumor targeting and then occlusion for synergistic bioactivation of hypoxia-sensitive platesomes. Acta Pharm Sin B. 2021 Aug:: WB ; Mouse .

10.1016/j.apsb.2021.08.010

**[IF=9.89]** Hopp et al. Targeting coagulation factor XII as a novel therapeutic option in brain trauma. (2016) Ann.Neuro. 79:970-82 WB,IF ; Mouse . 27043916

**[IF=6.419]** Qi-Rui Li. et al. Platelets are highly efficient and efficacious carriers for tumor-targeted nano-drug delivery. Drug Deliv.

2022;29(1):937-949 IHC ; Mouse . 35319321