

Recombinant

DGRmAb®

## CD42b (DGR16376) Rabbit mAb

db14865

Package : 10µL 20µL 50µL 100µL

**Product Name :** CD42b (DGR16376) Rabbit mAb**Cat.No.:** db14865**Synonyms :** BSS; GP1B; VWDP; CD42B; GPIbA; BDPLT1; BDPLT3; DBPLT3; GPIbalpha; CD42b-alpha**Application :** WB, IHC-P**Reactivity :** Human**Host species :** Rabbit**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. [provided by RefSeq, Oct 2013]

**Immunogen**

A synthetic peptide of human CD42b

**Gene ID**

2811

**Swiss Prot**

P07359

**Synonyms**

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

**Reactivity**

Human

**Application**

WB, IHC-P

**Recommended dilution**

WB: 1:2000-1:20000

IHC-P: 1:100-1:200

**Calculated MW**

72 kDa

**Observed MW**

125 kDa

**Host species**

Rabbit

<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR16376
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.