Recombinant DGRmAb®

CD42b (DGR16376) Rabbit mAb (PBS Only)

db14865-PBS **Package : 100μg**

Product Name : CD42b (DGR16376) Rabbit mAb (PBS Only)
Cat.No.: db14865-PBS
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 polymophic 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

Clonality	Monoclonal
Clonality No.	DGR16376
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.