

### 30-1551: Anti-CD41 / Platelet GPIIb Monoclonal Antibody (Clone:MWReg30)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MWReg30
<b>Application :</b>	FACS, IP, IHC, IHC-Fr, ELISA, Functional Assay
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Itga2b
<b>Gene ID :</b>	16399
<b>Uniprot ID :</b>	Q9QUM0
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Itga2b
<b>Isotype :</b>	Rat IgG1
<b>Immunogen Information :</b>	Murine platelets

#### Description

CD41 (platelet glycoprotein IIb) is composed of two subunits (120 kDa  $\alpha$ , alpha and 23 kDa  $\beta$ , beta) that interact with CD61 in the presence of calcium to form a functional adhesive protein receptor. Upon blood vessel damage, this receptor binds to a variety of proteins including von Willebrand factor, fibrinogen, fibronectin and vitronectin. CD41 is mainly expressed on megakaryocyte-platelet lineage, but generally belongs to the antigens that are expressed during early stages of hematopoietic differentiation.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-G affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

**Flow Cytometry Immunoprecipitation Immunohistochemistry Immunohistochemistry (frozen sections) ELISA**  
**Functional Application** platelet depletion