

30-2380: Anti-CD41 / Platelet GPIIb Monoclonal Antibody (Clone:MWReg30)-PE Conjugated

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|--------------------------------|--|
| Clonality : | Monoclonal |
| Clone Name : | MWReg30 |
| Application : | FACS, IP, IHC, IHC-Fr, ELISA, Functional Assay |
| Reactivity : | Mouse |
| Conjugate : | PE |
| Gene : | Itga2b |
| Gene ID : | 16399 |
| Uniprot ID : | Q9QUM0 |
| Alternative Name : | Itga2b |
| Isotype : | Rat IgG1 |
| Immunogen Information : | Murine platelets |

Description

CD41 (platelet glycoprotein IIb) is composed of two subunits (120 kDa a, alpha and 23 kDa b, 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

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| Amount : | 0.1 mg |
| Storage condition : | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

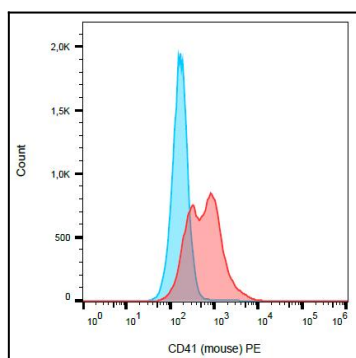


Figure 1: Surface staining of CD41 on murine thrombocytes with anti-CD41 (MWReg30) PE.