

## 30-1287: Anti-CD41b Monoclonal Antibody (Clone:HIP2)

**Clonality :** Monoclonal  
**Clone Name :** HIP2  
**Application :** FACS, IHC-Fr  
**Reactivity :** Human, Non-Human Primates  
**Format :** Purified  
**Isotype :** Mouse IgG3

### 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

**Amount :** 0.1 mg  
**Purification :** Purified by protein-A affinity chromatography  
**Storage condition :** Store at 2-8°C. Do not freeze.

### Application Note

**Flow Cytometry** This HIP2 antibody has been tested by flow cytometric analysis of human platelets. This can be used at less than or equal to 1  $\mu\text{g}$  per 100  $\mu\text{l}$  blood. **Immunohistochemistry (frozen sections)**