Monoclonal Antibody to CD61
Purified Antibody (0.1 mg)

Clone: VIPL2
Isotype: Mouse IgG1
Specificity: The mouse monoclonal antibody VIPL2 recognizes CD61, a 90-110 kDa transmembrane glycoprotein of integrin family, expressed on platelets, megacaryocytes, osteoclasts, endothelial cells and other cell types, including leucocytes and smooth muscle cells.
HLDA V.; WS Code 5T-124

Regulatory Status: RUO
Species Reactivity: Human, Non-Human Primates
Application: Flow Cytometry
Western Blotting
Immunohistochemistry (frozen sections)

Purity: > 95% (by SDS-PAGE)

Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml

Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label

Background: CD61 (beta3 integrin) is a transmembrane glycoprotein, which associates with CD41 or CD51 molecules to form heterodimeric adhesion receptores. CD41/CD61 complex is one of the earliest markers of the megakaryocytic lineage. It binds to fibronectin, fibrinogen and von Willebrand factor, and is involved in platelet aggregation. CD51/CD61 complex has similar binding properties and is involved in modulating migration and survival of angiogenic endothelial cells.
References:


