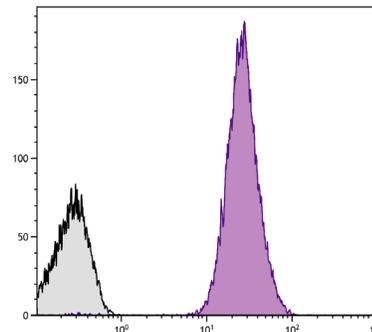




Mouse Anti-Human CD61

Cat. No.	Format	Size
9470-01	Purified (UNLB)	0.1 mg
9470-02	Fluorescein (FITC)	100 tests
9470-09	R-phycoerythrin (PE)	100 tests



Human peripheral blood platelets were stained with Mouse Anti-Human CD61-UNLB (SB Cat. No. 9470-01) followed by Goat Anti-Mouse IgG1, Human ads-PE (SB Cat. No. 1070-09).

Overview

Clone	PM6/13
Isotype	Mouse (BALB/c) IgG ₁ κ
Immunogen	Human platelet plasma membrane
Specificity	Human CD61; Mr 110 kDa
Alternate Name(s)	Integrin β ₃ , GPIIIa
Workshop	V P096

Description

CD61 is the integrin β₃ subunit, a 110 kDa transmembrane glycoprotein expressed on platelets, megakaryocytes, and endothelial cells. Integrin β₃ associates with gpIIb (CD41) to form the CD41/CD61 complex that mediates platelet adhesion and aggregation. CD61 also associates with CD51 to form the α_vβ₃ vitronectin receptor.

Applications

FC – Quality tested ^{2,5-7}
 ICC – Reported in literature ²
 IP – Reported in literature ¹
 WB-NR – Reported in literature ¹
 Block – Reported in literature ^{1,3,4}
 Adhesion – Reported in literature ⁴
 ELISA – Reported in literature ³

Working Dilutions

Flow Cytometry	Purified (UNLB) antibody	≤ 1 μg/10 ⁶ cells
	FITC and PE conjugates	10 μL/10 ⁶ cells
For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL		

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

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