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DATA SHEET

CD61
(Cat #5101-P)**MOUSE MONOCLONAL ANTIBODY ANTI HUMAN CD61, PURIFIED**

Clone	4F8
Isotype	IgG2a
Partner of fusion	Ag8X63/653
Immunogen	Human platelet β_3 Integrin.
Specificity	<p>Also known as platelet glycoprotein GPIIIa or β_3 Integrin, the CD61 antigen is the common β subunit of CD41/CD61 (GPIIb/IIIa, $\alpha_{IIb}\beta_3$) and CD51/CD61 (vitronectin receptor, $\alpha_V\beta_3$) complexes. These non-covalently associated heterodimers are responsible for adhesion to extracellular matrix proteins including fibrinogen, fibronectin, vitronectin, thrombospondin and von Willebrand factor.</p> <p>CD41/CD61 is expressed only by platelets and megakaryocytes, whereas CD51/CD61 is also found on endothelial cells, monocytes and macrophages.</p> <p>This antibody recognizes CD61 (GpIIIa), β_3 Integrin.</p>
Application	Flow Cytometry.
Form	Purified immunoglobulin in PBS-BSA 0.1%, pH 7.2, liquid, 1 mL.
Size	<p>0.1 mg.</p> <p>Sufficient for 500 tests within PLATELET Calibrator technology or 200 tests for indirect immunofluorescence.</p>
Suggested amount	<p>Quantitative flow cytometry : follow the package insert of PLATELET Calibrator kit (BioCytex ref. 7011).</p> <p>For indirect immunofluorescence : use 50 μL of antibody at 10 μg/mL per 10^6 cells in 100 μL sample.</p>
Preservative	Sodium azide < 0.1%.
Storage	<p>As delivered at +2-8°C until expiration date.</p> <p>After opening, aliquote contents and freeze at -20°C.</p> <p>Avoid repeated freezing and thawing.</p>