Mouse Anti-Human CD61

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9470-01</td>
<td>Purified (UNLB)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9470-02</td>
<td>Fluorescein (FITC)</td>
<td>100 tests</td>
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<tr>
<td>9470-09</td>
<td>R-phycoerythrin (PE)</td>
<td>100 tests</td>
</tr>
</tbody>
</table>

Overview

Clone: PM6/13  
Isotype: Mouse (BALB/c) IgG1κ  
Immunogen: Human platelet plasma membrane  
Specificity: Human CD61; Mr 110 kDa  
Alternate Name(s): Integrin β3, 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 αvβ3 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/10⁶ cells  
FITC and PE conjugates 10 μL/10⁶ 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.
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