Mouse Anti-Human CD11b

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9546-01</td>
<td>Purified (UNLB)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9546-02</td>
<td>Fluorescein (FITC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9546-08</td>
<td>Biotin (BIOT)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9546-09</td>
<td>R-phycocerythrin (PE)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9546-09S</td>
<td>R-phycocerythrin (PE)</td>
<td>25 tests</td>
</tr>
<tr>
<td>9546-11</td>
<td>Allophycocyanin (APC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9546-11S</td>
<td>Allophycocyanin (APC)</td>
<td>25 tests</td>
</tr>
<tr>
<td>9546-13</td>
<td>Spectral Red® (SPRD)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9546-26</td>
<td>Pacific Blue™ (PACBLU)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9546-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9546-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>100 tests</td>
</tr>
</tbody>
</table>

**Overview**

Clone: ICRF44  
Isotype: Mouse (BALB/c) IgG1  
Immunogen: Rheumatoid synovial cells and human monocytes  
Specificity: Human/Porcine/Rhesus/Cynomolgus/Chimpanzee/Baboon CD11b; Mr 165 kDa  
Alternate Name(s): Mac-1α, Mo-1, CR3, integrin αM, C3biR, ITGAM, CR3A, p170  
Workshop: III 202, 238, 648; IV M47; VI Ref.4

**Description**

CD11b is the 165 kDa αM chain which combines with the CD18 β2 integrin subunit to form the Mac-1 heterodimer. It is expressed on activated lymphocytes, monocytes, granulocytes and a subset of NK cells. CD11b functions in cell-cell and cell-substrate interactions and is a ligand for C3bi, CD50 (ICAM-3), CD54 (ICAM-1) and CD102 (ICAM-2).

**Applications**

FC – Quality tested  
IHC-FS – Reported in literature  
ICC – Reported in literature  
IP – Reported in literature  
WB – Reported in literature  
Block – Reported in literature  

**Working Dilutions**

**Flow Cytometry**

Purified (UNLB) antibody ≤ 1 μg/10⁶ cells  
FITC, BIOT, PE, APC, SPRD, PACBLU, AF488 and AF647 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), biotin (BIOT), Alexa Fluor® 488 (AF488), Alexa Fluor® 647 (AF647), and Pacific Blue™ (PACBLU) conjugates are supplied as 100 tests in 1.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 25 tests in 0.25 mL or 100 tests in 1.0 mL of PBS/NaNO₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaNO₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaNO₃ 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 (M)SDS.

References


Spectral Red® is a registered trademark of Southern Biotechnology Associates, Inc.

Spectral Red® is a PE/Cy5 tandem conjugate. Cy® is a registered trademark of GE Healthcare.

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