Mouse Anti-Human CD8

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9535-01</td>
<td>Purified (UNLB)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9535-02</td>
<td>Fluorescein (FITC)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9535-09</td>
<td>R-phycoerythrin (PE)</td>
<td>100 tests</td>
</tr>
<tr>
<td>9535-13</td>
<td>Spectral Red® (SPRD)</td>
<td>100 tests</td>
</tr>
</tbody>
</table>

Overview

Clone: UCHT4  
Isotype: Mouse (BALB/c) IgG2ακ  
Immunogen: Thymocytes and Sézary T cells  
Specificity: Human/Rhesus/Cynomolgus/Chimpanzee CD8; Mr 33 kDa  
Alternate Name(s): Leu-2, Lyt2, Tp32, T8  
Workshop: I T39; III 567

Description

CD8 is a 33 kDa transmembrane glycoprotein expressed as either a CD8αα homodimer or CD8αβ heterodimer. It is expressed on the “cytotoxic-suppressor” subpopulation of peripheral T cells. CD8 functions primarily as a coreceptor with MHC class I-restricted TCR’s in antigen recognition.

Applications

Flow Cytometry: Purified (UNLB) antibody ≤ 1 μg/10^6 cells  
FITC, PE, and SPRD 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.
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!**
- The Spectral Red® (SPRD) 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 (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.