Rat Anti-Mouse CD45RC

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1685-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1685-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1685-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>1685-22</td>
<td>Fluorescein-S-maleimide (FLMA)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1685-22S</td>
<td>Fluorescein-5-maleimide (FLMA)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone  | GL24
Isotype | Rat (Lewis) IgMκ
Immunogen | Activated DBA/2 B cells
Specificity | Mouse CD45RC; Mr 200-240 kDa
Alternate Name(s) | N/A

Description

CD45RC represents an exon C-dependent isoform of CD45 glycoprotein. It is expressed at high density on all B lymphocytes, at intermediate density on most CD8⁺ splenic T cells, and on two subpopulations of CD4⁺ splenic T cells with high and low density of expression. CD45RC is also present on a small subset of thymocytes.

Applications

FC – Quality tested ¹-³
IP – Reported in literature ¹

Working Dilutions

Flow Cytometry

<table>
<thead>
<tr>
<th>Conjugate</th>
<th>Working Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLMA and BIOT</td>
<td>≤ 1 μg/10⁶ cells</td>
</tr>
<tr>
<td>PE conjugate</td>
<td>≤ 0.2 μg/10⁶ cells</td>
</tr>
</tbody>
</table>

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 0.5 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-5-maleimide (FLMA) conjugate is supplied as 0.5 mg or 0.1 mg in 1.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaNO₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg 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 SDS.

References