Rat Anti-Mouse IgM

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1140-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1140-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
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<tr>
<td>1140-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<tr>
<td>1140-05</td>
<td>Horseradish peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1140-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1140-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
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<tr>
<td>1140-09L</td>
<td>R-phycoerythrin (PE)</td>
<td>0.2 mg</td>
</tr>
<tr>
<td>1140-11</td>
<td>Allophycocyanin (APC)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>1140-17</td>
<td>R-phycoerythrin-Cyanine 7 (PE/CY7)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>1140-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone: 1B4B1
Isotype: Rat IgG1\kappa
Immunogen: Unknown
Specificity: Mouse IgM

Applications

Flow Cytometry
- FITC and BIOT conjugates: ≤ 1.0 μg/10^6 cells
- PE, APC, and PE/CY7 conjugates: ≤ 0.1 μg/10^6 cells
For flow cytometry, the suggested use of these reagents is in a final volume of 100 μL

ELISA
- AP conjugate: 1:1,000 – 1:2,000
- HRP conjugate: 1:4,000 – 1:8,000
- BIOT conjugate: 1:5,000 – 1:20,000

FLISA
- FITC conjugate: 1:200 – 1:400
- AF555 conjugate: 1:100 – 1:400
- PE and APC conjugates: ≤ 1 μg/mL

Working Dilutions

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 (FITC) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN3. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM MgCl2/50% glycerol, pH 8.0, containing NaN3 as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN3. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL or 0.2 mg in 2.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The allophtocyanin (APC) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The R-phycocerythrin-Cyanine 7 (PE/CY7) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN3 and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The Alexa Fluor® 555 (AF555) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN3. Store at 2-8°C.
- 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

19. SouthernBiotech unpublished data (WB)

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