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>
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<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 IgG1κ
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

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 borated 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/NaNO3. 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 NaNO3 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/NaNO3. 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/NaNO3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The allophycocyanin (APC) 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!**
- The R-phycocerythrin-Cyanine 7 (PE/CY7) 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!**
- The Alexa Fluor® 555 (AF555) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaNO3. 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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