Goat Anti-Mouse IgM

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1021-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1021-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
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<tr>
<td>1021-03</td>
<td>Rhodamine (TRITC)</td>
<td>1.0 mg</td>
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<tr>
<td>1021-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1021-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1021-07</td>
<td>Texas Red® (TXRD)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1021-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1021-09</td>
<td>R-phycocerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1021-09S</td>
<td>R-phycocerythrin (PE)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>1021-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>1.0 mg</td>
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<tr>
<td>1021-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>1.0 mg</td>
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<tr>
<td>1021-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>1.0 mg</td>
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Description

**Specificity**
Reacts with the heavy chain of mouse IgM

**Source**
Pooled antisera from goats hyperimmunized with mouse IgM

**Cross Adsorption**
Mouse IgG and IgA; may react with immunoglobulins from other species

**Purification**
Affinity chromatography on mouse IgM covalently linked to agarose

Applications

Quality tested applications include –
- ELISA
- FLISA
- FC

Other referenced applications include –
- ELISPOT
- IHC-FS
- IHC-PS
- ICC
- WB
- Stim

**Working Dilutions**

<p>| | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><strong>ELISA</strong></td>
<td>AP conjugate</td>
<td>1:2,000 – 1:4,000</td>
</tr>
<tr>
<td></td>
<td>HRP conjugate</td>
<td>1:4,000 – 1:8,000</td>
</tr>
<tr>
<td></td>
<td>BIOT conjugate</td>
<td>1:5,000 – 1:20,000</td>
</tr>
<tr>
<td><strong>FLISA</strong></td>
<td>FITC, TRITC, TXRD, AF488, and AF555 conjugates</td>
<td>1:100 – 1:400</td>
</tr>
<tr>
<td></td>
<td>PE and AF647 conjugates</td>
<td>≤ 1 μg/mL</td>
</tr>
<tr>
<td><strong>Flow Cytometry</strong></td>
<td>FITC, BIOT, and AF488 conjugates</td>
<td>≤ 1 μg/10⁶ cells</td>
</tr>
<tr>
<td></td>
<td>PE and AF647 conjugates</td>
<td>≤ 0.1 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 1.0 mg of 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), rhodamine (TRITC), Texas Red® (TXRD), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/Na3. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl2/50% glycerol, pH 8.0, containing Na3 as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 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 1.0 mg in 2.0 mL of PBS/Na3. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/Na3 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


Texas Red® is a registered trademark of Molecular Probes, Inc.
Alexa Fluor® 488, 647, and 555 are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product or its components or materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For information on purchasing a license for this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 or outsourcing@lifetech.com.