**Goat F(ab’)2 Anti-Mouse IgM, Human ads**

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1022-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1022-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1022-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1022-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1022-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>1022-14</td>
<td>Low Endotoxin, Azide-Free (LE/AF)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1022-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1022-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1022-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

**Description**

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

**Source**
Pepsin digest of Goat Anti-Mouse IgM, Human ads (SB Cat. No. 1020)

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

**Applications**

Quality tested applications include –
- ELISA
- FLISA
- FC

Other referenced applications include –
- IHC-FS
- IHC-PS
- ICC
- ICC
- ICC
- ICC

**Working Dilutions**

<table>
<thead>
<tr>
<th>Method</th>
<th>HRP conjugate</th>
<th>BIOT conjugate</th>
<th>FITC, AF488, and AF555 conjugates</th>
<th>PE and AF647 conjugates</th>
<th>FITC, BIOT, and AF488 conjugates</th>
<th>PE and AF647 conjugates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>1:4,000 – 1:8,000</td>
<td>1:5,000 – 1:10,000</td>
<td>1:100 – 1:400</td>
<td>≤ 1 μg/mL</td>
<td>≤ 1 μg/10^6 cells</td>
<td>≤ 0.1 μg/10^6 cells</td>
</tr>
<tr>
<td>FLISA</td>
<td></td>
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<tr>
<td>Flow Cytometry</td>
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</tbody>
</table>

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 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), Alexa Fluor 488® (AF488), Alexa Fluor 555® (AF555), and Alexa Fluor 647® (AF647) conjugates are supplied as 0.5 mg in 1.0 mL of PBS/NaCl. Store at 2-8°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 0.5 mg in 1.0 mL of PBS/NaCl. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.25 mg in 1.0 mL of PBS/NaCl and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Aliquot and store at or below -20°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 SDS.

References

13. Oliver AM, Martin F, Keayem JF. IgM/C21/Fc²⁻²⁻ lymphocytes enriched in the splenic marginal zone generate effector cells more rapidly than the bulk of follicular B cells. J Immunol. 1999;162:7198-207. (FC)

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