## Goat Anti-Mouse IgM, Human ads

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1020-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1020-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1020-03</td>
<td>Rhodamine (TRITC)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1020-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<tr>
<td>1020-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
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<tr>
<td>1020-06</td>
<td>β-galactosidase (BGAL)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1020-07</td>
<td>Texas Red® (TXRD)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1020-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>1020-09</td>
<td>R-phycocerythin (PE)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1020-09S</td>
<td>R-phycocerythin (PE)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>1020-11L</td>
<td>Allophycocyanin (APC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1020-11S</td>
<td>Allophycocyanin (APC)</td>
<td>0.25 mg</td>
</tr>
<tr>
<td>1020-15</td>
<td>Cyanine 5 (CY5)</td>
<td>1.0 mg</td>
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<tr>
<td>1020-17</td>
<td>R-phycocerythin-Cyanine 7 (PE/CY7)</td>
<td>0.25 mg</td>
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<tr>
<td>1020-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
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</tr>
<tr>
<td>1020-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
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<tr>
<td>1020-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>1.0 mg</td>
</tr>
</tbody>
</table>

### 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; human immunoglobulins and pooled sera; may react with immunoglobulins from other species

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

### Applications

Quality tested applications include –
ELISA 1-11
FLISA
FC 4,7,10,13-17

Other referenced applications include –
ELISPOT 2,3,5,6,8-10,12
IHC-FS 1,7,18-22
IHC-PS 28
ICC 1,13,23
EM 19
WB 14,16,24
IP 24,29,30

### Working Dilutions

**ELISA**
- AP conjugate: 1:2,000 – 1:4,000
- HRP conjugate: 1:4,000 – 1:8,000
- BGAL conjugate: 1:500
- BIOT conjugate: 1:5,000 – 1:20,000

**FLISA**
- FITC, TRITC, TXRD, AF488, and AF555 conjugates: 1:100 – 1:400
- PE, APC, CY5, and AF647 conjugates: ≤ 1 μg/mL

**Flow Cytometry**
- FITC, BIOT, and AF488 conjugates: ≤ 1 μg/10^6 cells
- PE, APC, CY5, PE/CY7, and AF647 conjugates: ≤ 0.1 μg/10^6 cells

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.

*For Research Use Only. Not for Diagnostic or Therapeutic Use.*
Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 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), rhodamine (TRITC), and Texas Red® (TXRD), Cyamine 5 (CY5), 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/NaN₃. Store at 2-8°C.

- The alkaliine 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 Na₃cit 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 β-galactosidase (BGAL) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS containing NaN₃ as preservative. 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/NaN₃. Store at 2-8°C.

- The R-phycocerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 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 0.25 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!

- Protect fluorochrome-conjugated forms from light. Reagents are stable on the package label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

25. Kato I, Takai T, Kudo A. The pre-B cell receptor signaling for apoptosis is negatively regulated by FcRRIIB. J Immunol. 2002;168:629-34. (Stim)
28. SouthernBiotech published data (IHC-FS)