Goat Anti-Mouse IgA

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1040-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
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<tr>
<td>1040-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
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<tr>
<td>1040-03</td>
<td>Rhodamine (TRITC)</td>
<td>1.0 mg</td>
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<tr>
<td>1040-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1040-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>1040-07</td>
<td>Texas Red (TXRD)</td>
<td>1.0 mg</td>
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<tr>
<td>1040-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
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<tr>
<td>1040-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>1040-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>1.0 mg</td>
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<tr>
<td>1040-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>1.0 mg</td>
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<tr>
<td>1040-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>1.0 mg</td>
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</tbody>
</table>

Description

Specificity
Reacts with the heavy chain of mouse IgA

Source
Pooled antisera from goats hyperimmunized with mouse IgA

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

Purification
Affinity chromatography on mouse IgA covalently linked to agarose

Applications

Quality tested applications include –
ELISA 1-15,23
FLISA
FC 1,5,6,10,13,17-20,23,24

Other referenced applications include –
ELISPOT 2,7,14,16,23
IHC-FS 3,4,9,11
IHC-PS 5,6
ICC 21,24
WB 8,12,22
Sep 1
Depletion 23

Working Dilutions

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

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

Flow Cytometry
FITC, BIOT, and AF488 conjugates ≤ 1 μg/10^6 cells
PE 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.
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 -20°C.
- The fluorescein (FITC), rhodamine (TRITC), and Texas Red® (TXRD) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaNO3. 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 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 in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at -20°C or long-term at -70°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaNO3. Store at 2-8°C.
- The 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/NaNO3. Store at 2-8°C.
- The R-phycocerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaNO3 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

11. 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 (b) materials made using this product or its components to a third party or otherwise use this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may 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 to this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com.