Donkey Anti-Goat IgG(H+L), Mouse/Rat SP ads

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>6420-01</td>
<td>Purified (UNLB)</td>
<td>1.0 mg</td>
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<tr>
<td>6420-02</td>
<td>Fluorescein (FITC)</td>
<td>1.0 mg</td>
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<tr>
<td>6420-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
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<tr>
<td>6420-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
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<tr>
<td>6420-08</td>
<td>Biotin (BIOT)</td>
<td>1.0 mg</td>
</tr>
<tr>
<td>6420-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.5 mg</td>
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<tr>
<td>6420-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>1.0 mg</td>
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<tr>
<td>6420-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>1.0 mg</td>
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<tr>
<td>6420-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>1.0 mg</td>
</tr>
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Description

Specificity: Reacts with the heavy and light chains of goat IgG

Source: Pooled antisera from donkeys hyperimmunized with goat IgG

Cross Adsorption: Mouse and rat serum proteins (SP); may react with immunoglobulins from other species and the light chains of other goat immunoglobulins

Purification: Affinity chromatography on goat IgG covalently linked to agarose

Applications

Quality tested applications include –
ELISA
FLISA

Other referenced applications include –
FC
IHC-FS
IHC-PS
WB
Multiplex

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, AF488, and AF555 conjugates: 1:200 – 1:400
- PE and AF647 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 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) conjugate is 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 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/NaNO₃. Store at 2-8°C.
- The R-phyceroerythrin (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!**
- 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.
- 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. SouthernBiotech published data (IHC-PS)

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 (b) its components or (c) 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 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.