Mouse Anti-Human IgG₃ Hinge

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>9210-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9210-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9210-04</td>
<td>Alkaline Phosphatase (AP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9210-05</td>
<td>Horseradish Peroxidase (HRP)</td>
<td>1.0 mL</td>
</tr>
<tr>
<td>9210-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>9210-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9210-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9210-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>9210-32</td>
<td>Alexa Fluor® 555 (AF555)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone: HP6050
Isotype: Mouse (BALB/c) IgG₁κ
Immunogen: Human IgG₃ myeloma protein
Specificity: Human IgG₃ Hinge; Mr 170 kDa

Applications

ELISA – Quality tested ²,¹⁰,¹⁴,¹⁶
FLISA – Quality tested
ELISPOT – Reported in literature ¹⁰
FC – Reported in literature ¹⁷,¹⁸
IHC-FS – Reported in literature ¹¹,¹²
IHC-PS – Reported in literature ¹³,¹⁴
WB – Reported in literature ¹⁵,¹⁶
IP – Reported in literature ¹
Multiplex – Reported in literature ¹⁹-²¹
Purification – Reported in literature ²
SPR – Reported in literature ²²

Working Dilutions

ELISA
- Purified (UNLB) antibody ≤ 1 μg/mL
- AP conjugate 1:500 – 1:1,000
- HRP conjugate 1:4,000 – 1:10,000
- BIOT conjugate 1:5,000 – 1:10,000

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 0.5 mg of 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 0.5 mg in 1.0 mL of PBS/NaNO3. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 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 of stock solution in 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/NaNO3. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 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 0.1 mg in 0.2 mL of PBS/NaNO3. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown if stored as directed.

Warning

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

References


Alexa Fluor® 488, 565, and 594 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 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 prognostic 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, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outsourcing@lifetech.com.

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA  Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA  Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768  Email: info@southernbiotech.com • Website: www.southernbiotech.com

TB9210 18-Nov-16