Mouse Anti-Chicken Ia

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>8290-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8290-02</td>
<td>Fluorescein (FITC)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8290-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8290-09</td>
<td>R-phycoerythrin (PE)</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

Overview

Clone       Clia
Isotype     Mouse (BALB/c) IgMκ
Immunogen   Splenic leukocytes from an outbred nine-week-old chicken
Specificity Chicken/Quail/Dove/Pigeon/Duck Ia; Mr 32 & 27 KDa
Alternate Name(s) MHC Class II

Description

The chicken Ia antigen is expressed on B cells, a subpopulation of the monocyte/macrophage lineage of cells, and mitogen-activated T cells. The molecule recognized by this antibody is similar in structure to the murine Ia antigens and human DR antigens.

Applications

FC – Quality tested 1,7,9,10
IHC-FS – Reported in literature 2-6
ICC – Reported in literature 1,7,8
IP – Reported in literature 1
Block – Reported in literature 1

Working Dilutions

Flow Cytometry

FITC and BIOT conjugates  ≤ 1 µg/10⁶ cells
PE conjugate  ≤ 0.2 µg/10⁶ 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 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/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 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 for the period shown on the label if stored as directed.

Warning

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

References