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>
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<tr>
<td>8290-08</td>
<td>Biotin (BIOT)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8290-09</td>
<td>R-phycocerythrin (PE)</td>
<td>0.1 mg</td>
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**Overview**

<table>
<thead>
<tr>
<th>Clone</th>
<th>CIa</th>
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<tbody>
<tr>
<td>Isotype</td>
<td>Mouse (BALB/c) IgMκ</td>
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<tr>
<td>Immunogen</td>
<td>Splenic leukocytes from an outbred nine-week-old chicken</td>
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<td>Specificity</td>
<td>Chicken/Quail/Dove/Pigeon/Duck Ia; Mr 32 &amp; 27 KDa</td>
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<tr>
<td>Alternate Name(s)</td>
<td>MHC Class II</td>
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**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
- **IHC-FS** – Reported in literature
- **ICC** – Reported in literature
- **IP** – Reported in literature
- **Block** – Reported in literature

**Working Dilutions**

Flow Cytometry

- FITC and BIOT conjugates
  - ≤ 1 μg/10^6 cells
- PE conjugate
  - ≤ 0.2 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 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 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!**
- 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