Mouse Anti-Chicken CD4

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Format</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>8210-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>8210-02</td>
<td>Fluorescein (FITC)</td>
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<tr>
<td>8210-08</td>
<td>Biotin (BIOT)</td>
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<tr>
<td>8210-09</td>
<td>R-phycoerythrin (PE)</td>
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</tr>
<tr>
<td>8210-11</td>
<td>Allophycocyanin (APC)</td>
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</tr>
<tr>
<td>8210-26</td>
<td>Pacific Blue™ (PACBLU)</td>
<td>0.1 mg</td>
</tr>
<tr>
<td>8210-27</td>
<td>Alexa Fluor® 700 (AF700)</td>
<td>0.1 mg</td>
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<tr>
<td>8210-30</td>
<td>Alexa Fluor® 488 (AF488)</td>
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<tr>
<td>8210-31</td>
<td>Alexa Fluor® 647 (AF647)</td>
<td>0.1 mg</td>
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</tbody>
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Overview

Clone: CT-4
Isotype: Mouse (BALB/c) IgG₁κ
Immunogen: Chicken thymocytes and Ig-negative blood leukocytes
Specificity: Chicken/Turkey/Quail/Pigeon CD4; Mr 64 kDa
Alternate Name(s): N/A

Description

CD4 is a type I transmembrane glycoprotein expressed on approximately 70% of thymocytes, 10% of spleen cells, and 45% of peripheral blood lymphocytes but less than 1% of bursal cells. The monoclonal antibody CT-4 inhibits both PHA- and Con A-induced proliferative responses of splenocytes and PWM-induced IL-2 production. This antibody also reacts with turkey and quail as demonstrated by flow cytometry.

Applications

FC – Quality tested ¹,6-¹⁹
IHC-FS – Reported in literature ²,⁴
IHC-PS – Reported in literature ⁵
IP – Reported in literature ¹
Block – Reported in literature ¹

Working Dilutions

Flow Cytometry

FITC, BIOT, AF488, and PACBLU conjugates ≤ 1 µg/10⁶ cells
PE conjugate ≤ 0.2 µg/10⁶ cells
AF700, AF647, and APC conjugates ≤ 0.1 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.
### References


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