Mouse Anti-Mouse I-A<sup>d</sup>

<table>
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<th>Cat. No.</th>
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<tbody>
<tr>
<td>1901-01</td>
<td>Purified (UNLB)</td>
<td>0.5 mg</td>
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Overview

Clone: 34-5-3  
Isotype: Mouse (C3H) IgG<sub>2a</sub>  
Immunogen: (C57BL/6 x DBA/2)F1 mouse splenocytes  
Specificity: Mouse I-A<sup>d</sup>  
Alternate Name(s): MHC Class II, I-β<sup>d</sup>, I-A<sup>b</sup>, H2-I/Adβ

Description

The monoclonal antibody 34-5-3 reacts with the β chain of the I-A<sup>d</sup> MHC class II alloantigen. It cross-reacts with I-A<sup>b</sup> and with cells from mice of the H-2<sup>b</sup> and H-2<sup>d</sup> haplotypes.

Applications

FC – Quality tested  
IP – Reported in literature  
Activ – Reported in literature  
Block – Reported in literature  
Cyto – Reported in literature

Working Dilutions

Flow Cytometry: Purified (UNLB) antibody ≤ 1 μg/10<sup>6</sup> 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.
- Reagents are stable for the period shown on the label if stored as directed.

References

3. Mozes E, Dayan M, Zisman E, Brocke S, Licht A, Pecht I. Direct binding of a myasthenia gravis related epitope to MHC class II molecules on living murine antigen-presenting cells. EMBO J. 1989;8:4049-52. (Block)