Technical Data Sheet
Biotin Mouse Anti-Mouse I-A[b]

Product Information
Material Number: 553550
Size: 0.5 mg
Concentration: 0.5 mg/ml
Clone: AF6-120.1
Immunogen: Mouse C57BL/10J
Isotype: Mouse (BALB/c) IgG2a, κ
Reactivity: QC Testing: Mouse
Storage Buffer: Aqueous buffered solution containing ≤0.09% sodium azide.

Description
The AF6-120.1 antibody reacts with the I-A[b] MHC class II alloantigen. It cross-reacts with cells from mice of the H-2[k] and H-2[u] haplotypes. Reactivity with other haplotypes (e.g., d, f, g7, p, q, r, s) has not been observed.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

Preparation and Storage
The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes
Application

<table>
<thead>
<tr>
<th>Application</th>
<th>Flow cytometry</th>
<th>Routinely Tested</th>
<th>Immunohistochemistry-frozen</th>
<th>Reported</th>
</tr>
</thead>
</table>

Recommended Assay Procedure:
For IHC, we recommend the use of biotinylated AF6.120.1 mAb in our special formulation for immunohistochemistry, Cat. No. 550553.

Suggested Companion Products

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Name</th>
<th>Size</th>
<th>Clone</th>
</tr>
</thead>
<tbody>
<tr>
<td>554061</td>
<td>PE Streptavidin</td>
<td>0.5 mg</td>
<td>(none)</td>
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<tr>
<td>550553</td>
<td>Biotin Mouse Anti-Mouse I-A[b]</td>
<td>1.0 ml</td>
<td>AF6-120.1</td>
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<tr>
<td>553455</td>
<td>Biotin Mouse IgG2a, κ Isotype Control</td>
<td>0.25 mg</td>
<td>G155-178</td>
</tr>
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Product Notices
1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References