Technical Data Sheet

Biotin Mouse Anti-Human IgG4

Product Information
Material Number: 555882
Size: 0.5 mg
Concentration: 0.5 mg/ml
Clone: G17-4
Isotype: Mouse IgG1, κ
Reactivity: QC Testing: Human
Storage Buffer: Aqueous buffered solution containing ≤0.09% sodium azide.

Description
The G17-4 antibody reacts specifically with human IgG4. It does not react with other isotypes.

Preparation and Storage
The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. The antibody was conjugated with biotin under optimum conditions, and unreacted biotin was removed. Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application
ELISA Routinely Tested

Recommended Assay Procedure:
This antibody can be used to detect human IgG4. For sandwich human IgG4 ELISA, Biotin G17-4 is optimal as detecting mAb with purified JDC-14 (Cat. No. 555878) or G18-145 (Cat. No. 555784) as capture mAb.

Suggested Companion Products

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Name</th>
<th>Size</th>
<th>Clone</th>
</tr>
</thead>
<tbody>
<tr>
<td>555878</td>
<td>Purified Mouse Anti-Human IgG4</td>
<td>0.5 mg</td>
<td>JDC-14</td>
</tr>
<tr>
<td>555784</td>
<td>Purified Mouse Anti-Human IgG</td>
<td>0.5 mg</td>
<td>G18-145</td>
</tr>
</tbody>
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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