PRODUCT SPECIFICATION

catalog number: A37417

product description: Human IgG Monoclonal Antibody, Purified

lot number: [lot specific]

immunogen: IgG purified from human serum

source: Mouse Ascites

form: Liquid

purification method: DEAE Chromatography

purity: >95% by HPLC and SDS-PAGE

buffer: 0.015 M potassium phosphate buffer, 0.85% NaCl, pH7.2

preservative: 0.05% NaN₃

isotype: IgG₁ kappa light chain

concentration: [lot specific] mg/mL (based on $E_{0.1%} = 1.40$)

cross-reactivity:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Human IgG</td>
<td>100%</td>
</tr>
<tr>
<td>Human IgA</td>
<td>0.01%</td>
</tr>
<tr>
<td>Human IgE</td>
<td>0%</td>
</tr>
<tr>
<td>Human IgM</td>
<td>0.01%</td>
</tr>
</tbody>
</table>

pairing: This antibody can be used in conjunction with A37416

storage: 2-8°C short term; -20°C long term avoiding multiple freeze thaw cycles.

hazard/biohazard: This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.