## Product Details

<table>
<thead>
<tr>
<th>Description</th>
<th>MOUSE ANTI RAT IgA HEAVY CHAIN:Biotin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity</td>
<td>IgA HEAVY CHAIN</td>
</tr>
<tr>
<td>Format</td>
<td>Biotin</td>
</tr>
<tr>
<td>Product Type</td>
<td>Monoclonal Antibody</td>
</tr>
<tr>
<td>Clone</td>
<td>MARA-1</td>
</tr>
<tr>
<td>Isotype</td>
<td>IgG1</td>
</tr>
<tr>
<td>Quantity</td>
<td>0.5 mg</td>
</tr>
</tbody>
</table>

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td></td>
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<td></td>
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<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>500ng/ml</td>
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<tr>
<td>Western Blotting</td>
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</tbody>
</table>

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Rat

### Product Form

Purified IgG conjugated to Biotin - liquid

### Preparation

Purified IgG prepared by affinity chromatography from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.1% Sodium Azide
50% Glycerol

### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

### Immunogen

Purified IR1060 IgA rat myeloma protein.

### Fusion Partners

Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
### Specificity

**Mouse anti Rat IgA Heavy Chain antibody, clone MARA-1** recognizes the alpha heavy chain of rat immunoglobulin. Mouse anti Rat IgA Heavy Chain antibody, clone MARA-1 shows no cross-reactivity with other rat immunoglobulin classes.

### References


### Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

### Guarantee

18 months from date of despatch.

### Health And Safety Information


### Regulatory

For research purposes only
Related Products

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL: Biotin (MCA1209B)