Datasheet: MCA191F

Description: MOUSE ANTI RAT IgA HEAVY CHAIN:FITC

Specificity: IgA HEAVY CHAIN

Format: FITC

Product Type: Monoclonal Antibody

Clone: MARA-1

Isotype: IgG1

Quantity: 0.5 mg

RRID: AB_322198

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.

<table>
<thead>
<tr>
<th>Applications</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>
<td></td>
<td></td>
<td>5μg/ml</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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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 Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

Max Ex/Em

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
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</thead>
<tbody>
<tr>
<td>FITC</td>
<td>490</td>
<td>525</td>
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</tbody>
</table>

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 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
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.

Flow Cytometry

Use 50ul of the suggested working dilution to label $10^6$ cells in 100ul.

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. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life
18 months from date of despatch.

Health And Safety Information
Material Safety Datasheet documentation #10328 available at:

Regulatory
For research purposes only

Related Products

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL:FITC (MCA1209F)

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