Datasheet: MCA95R

<table>
<thead>
<tr>
<th>Description:</th>
<th>MOUSE ANTI RAT MHC CLASS II RT1B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity:</td>
<td>MHC CLASS II RT1B</td>
</tr>
<tr>
<td>Format:</td>
<td>Purified</td>
</tr>
<tr>
<td>Product Type:</td>
<td>Monoclonal Antibody</td>
</tr>
<tr>
<td>Clone:</td>
<td>F17-23-2</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG1</td>
</tr>
<tr>
<td>Quantity:</td>
<td>0.25 mg</td>
</tr>
</tbody>
</table>

Product Details

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>
<td></td>
<td></td>
<td>1/100 - 1/200</td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<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 - liquid

Preparation: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.09% Sodium Azide

Carrier Free: Yes

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Immunogen: Partially purified rat MHC antigens.

Fusion Partners: Spleen cells of immunized BALB/c mice were fused with cells of the mouse NS-1 myeloma cell
Specificity

Mouse anti Rat MHC Class II RT1B antibody, clone F17-23-2 recognizes the rat RT1B MHC class II antigen, reacting with haplotypes a, l and n expressed on rat strains including DA, LEW, and BN.

Mouse anti Rat MHC Class II RT1B antibody, clone F17-23-2 is routinely tested in flow cytometry on DA rat splenocytes.

Flow Cytometry

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

References


Storage

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. 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


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies
Goat Anti Mouse IgG (STAR76...)  RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)  Alk. Phos., HRP
Goat Anti Mouse IgG (H/L) (STAR117...)  Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP

Rabbit Anti Mouse IgG (STAR9...)  FITC
Goat Anti Mouse IgG (STAR77...)  HRP
Rabbit Anti Mouse IgG (STAR12...)  RPE
Goat Anti Mouse IgG (Fc) (STAR120...)  FITC, HRP
Rabbit Anti Mouse IgG (STAR8...)  DyLight®800
Goat Anti Mouse IgG (STAR70...)  FITC
Rabbit Anti Mouse IgG (STAR13...)  HRP
Human Anti Mouse IgG1 (HCA036...)  HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA1209)