### Datasheet: MCA95F

**Description:** MOUSE ANTI RAT MHC CLASS II RT1B:FITC

**Specificity:** MHC CLASS II RT1B

**Format:** FITC

**Product Type:** Monoclonal Antibody

**Clone:** F17-23-2

**Isotype:** IgG1

**Quantity:** 0.1 mg

### 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.

<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>Neat - 1/5</td>
</tr>
</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 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>
</tr>
</thead>
<tbody>
<tr>
<td>FITC</td>
<td>490</td>
<td>525</td>
</tr>
</tbody>
</table>

**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  
1% Bovine Serum Albumin

**Approx. Protein Concentrations**
IgG concentration 0.1 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 line.

**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,
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. 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**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL:FITC (MCA1209F)