**Product Details**

<table>
<thead>
<tr>
<th>RRID</th>
<th>AB_322811</th>
</tr>
</thead>
</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>Yes</td>
<td></td>
<td></td>
<td>Neat - 1/4</td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td>Yes</td>
<td></td>
<td></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 negative/positive controls.

**Target Species**
Rat

**Species Cross Reactivity**
Reacts with: Mouse

**Product Form**
Tissue Culture Supernatant - liquid

**Preservative Stabilisers**
0.1% Sodium Azide

**Immunogen**
Cells from R8 strain rat

**Fusion Partners**
Spleen cells from an immunised DA rat were fused with cells of the mouse P3/NSI/I-Ag4.1 myeloma cell line.

**Specificity**
Rat anti Rat MHC Class II I-Ab antibody, clone P7/7 recognizes the rat RT1Bu/Du MHC class II antigen and is cross reactive with haplotypes c, d, l, and n. The antibody positively stains MHC
class II molecules in rat strains including PVG, F334, LEW, and BN.

Clone P7/7 also recognises mouse MHC Class II, binding to a monomorphic epitope expressed by all mouse strains.

**Flow Cytometry**

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

**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**

Material Safety Datasheet documentation #10336 available at:


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Rabbit Anti Rat IgG (STAR17...) **FITC**
- Goat Anti Rat IgG (STAR69...) **FITC**
- Goat Anti Rat IgG (STAR131...) **Alk. Phos., Biotin**
- Goat Anti Rat IgG (STAR73...) **RPE**
- Rabbit Anti Rat IgG (STAR21...) **HRP**
- Goat Anti Rat IgG (STAR72...) **HRP**
- Rabbit Anti Rat IgG (STAR16...) **DyLight®800**
- Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...) **DyLight®800**