### Description:
MOUSE ANTI HUMAN AMYLIN

### Specificity:
AMYLIN

### Format:
S/N

### Product Type:
Monoclonal Antibody

### Clone:
R10/99

### Isotype:
IgG1

### Quantity:
2 ml

### 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>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td>¥</td>
<td></td>
<td>1/100</td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td>¥</td>
<td></td>
<td>1/100</td>
</tr>
<tr>
<td>ELISA</td>
<td>¥</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunoprecipitation</td>
<td></td>
<td>¥</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunofluorescence</td>
<td></td>
<td>¥</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 appropriate negative/positive controls.

### Target Species
Human

### Product Form
Tissue Culture Supernatant - liquid

### Buffer Solution
0.1M TRIS

### Preservative Stabilisers
<0.1% Sodium Azide (NaN₃)

### Immunogen
A peptide CATQRLANFLV corresponding to residues 40-50 of human IAPP coupled to tuberculin.
### Fusion Partners
Spleen cells from immunized a BALB/c mouse were fused with cells of the mouse SP2/0 myeloma cell line.

### Specificity
**Mouse anti Human Amylin antibody, clone R10/99** recognizes the islet amyloid polypeptide (amylin). Mouse anti Human Amylin antibody, clone R10/99 is of high affinity, and stains islet amyloid peptide in intra-cellular insulin granules, intra-cellular amyloid and extra-cellular islet amyloid.

### References

### Storage
This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in
frost-free freezers is not recommended.

<table>
<thead>
<tr>
<th>Guarantee</th>
<th>12 months from date of despatch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health And Safety Information</td>
<td>Material Safety Datasheet documentation #10451 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA1126">https://www.bio-rad-antibodies.com/SDS/MCA1126</a> 10451</td>
</tr>
<tr>
<td>Regulatory</td>
<td>For research purposes only</td>
</tr>
</tbody>
</table>

**Related Products**

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG (STAR77...) **HRP**
- Rabbit Anti Mouse IgG (STAR12...) **RPE**
- Goat Anti Mouse IgG IgA IgM (STAR87...) **Alk. Phos., HRP**
- Goat Anti Mouse IgG (STAR76...) **RPE**
- Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**
- Rabbit Anti Mouse IgG (STAR13...) **HRP**
- Rabbit Anti Mouse IgG (STAR9...) **FITC**
- Goat Anti Mouse IgG (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP**
- Goat Anti Mouse IgG (STAR70...) **FITC**

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets'"M418588:230427"

Printed on 12 Aug 2023