Datasheet: MCA1029G

| Description: | MOUSE ANTI RAT OX-62 |
| Specificity: | OX-62 |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | OX-62 |
| Isotype: | IgG1 |
| Quantity: | 0.25 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](http://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>1/50 - 1/100</td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
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<td></td>
<td>1/25 - 1/100</td>
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<tr>
<td>Immunohistology - Paraffin</td>
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<tr>
<td>ELISA</td>
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<tr>
<td>Immunoprecipitation</td>
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<tr>
<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.

<table>
<thead>
<tr>
<th>Target Species</th>
<th>Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Form</td>
<td>Purified IgG - liquid</td>
</tr>
<tr>
<td>Preparation</td>
<td>Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant</td>
</tr>
<tr>
<td>Buffer Solution</td>
<td>Phosphate buffered saline</td>
</tr>
<tr>
<td>Preservative Stabilisers</td>
<td>0.09% Sodium Azide</td>
</tr>
<tr>
<td>Approx. Protein Concentrations</td>
<td>IgG concentration 1.0 mg/ml</td>
</tr>
<tr>
<td>Immunogen</td>
<td>Density gradient enriched PVG rat thoracic duct dendritic cells.</td>
</tr>
<tr>
<td>External Database Links</td>
<td>UniProt: <a href="http://www.bio-rad-antibodies.com/protocols">O88341</a> Related reagents</td>
</tr>
</tbody>
</table>
Fusion Partners

Spleen cells of BALB/c mice were fused with cells of the mouse NS0 myeloma cell line.

Specificity

Mouse anti Rat OX-62 antibody, clone OX-62 recognizes the OX-62 antigen, also known as rat alpha E2 integrin, an 1150 amino acid, ~130 kDa single pass type I transmembrane protein expressed by intestinal dendritic cells, dendritic epidermal T cells, intraepithelial lymphocytes in the small intestine and by cells of dendritic morphology in lymphoid organs, at sites where gamma delta T cells are present.

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.

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.

Shelf Life
18 months from date of despatch.

Health And Safety Information

Regulatory
For research purposes only

Recommended Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...) RPE
HuCAL Anti Mouse IgG1 (HCA036...) HRP
Rabbit Anti Mouse IgG (STAR8...) DyLight®800
Rabbit Anti Mouse IgG (STAR12...) RPE
Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR70...) FITC
Goat Anti Mouse IgG (STAR77...) HRP
Goat Anti Mouse IgG (Fc) (STAR120...) FITC, HRP
Rabbit Anti Mouse IgG (STAR9...) FITC
Rabbit Anti Mouse IgG (STAR13...) HRP
Goat Anti Mouse IgG (H/L) (STAR117...) Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA1209)