Datasheet: MCA1029G

**Description:** MOUSE ANTI RAT OX-62

**Specificity:** OX-62

**Other names:** CD103

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** OX-62

**Isotype:** IgG1

**Quantity:** 0.25 mg

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**Product Details**

**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>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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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 A 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**

Density gradient enriched PVG rat thoracic duct dendritic cells.
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 E integrin or CD103. OX-62 appears as 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.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

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

**Recommended Negative Controls**

**MOUSE IgG1 NEGATIVE CONTROL (MCA1209)**