Datasheet: MCA1849

**Description:** RAT ANTI MOUSE MARCO

**Specificity:** MARCO

**Other names:** SCAVENGER RECEPTOR

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** ED31

**Isotype:** IgG1

**Quantity:** 0.25 mg

**RRID**

AB_322923

**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.

<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>1/200 - 1/400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td></td>
<td></td>
<td></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**

Mouse

**Product Form**

Purified IgG - liquid

**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

**Carrier Free**

Yes

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml
Immunogen

CHO cells expressing mouse MARCO.

External Database Links

UniProt: Q60754 Related reagents

Entrez Gene: 17167 Marco Related reagents

Fusion Partners

Spleen cells from immunised rats were fused with cells of the mouse SP2/0 myeloma cell line.

Specificity

Rat anti Mouse MARCO antibody, clone ED31 recognizes the murine cell surface antigen designated MARCO (Macrophage receptor with collagenous structure), which is a member of the class A scavenger receptor family.

MARCO is expressed by distinct populations of macrophages in the spleen and lymph nodes, but is rapidly induced on macrophages in other tissues (e.g. Liver Kupffer cells) during infection or LPS treatment.

Rat anti Mouse MARCO antibody, clone ED31 binds to the C-terminal cysteine rich domain of MARCO, and has been shown to block ligand binding.

References

15. Hayashi, M. et al. (2016) Advax, a Delta Inulin Microparticle, Potentiates In-built Adjuvant
Property of Co-administered Vaccines. EBioMedicine, Dec 1, pii: S2352-3964(16)30519-9. [Epub ahead of print]


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

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...) DyLight®800
Rabbit Anti Rat IgG (STAR16...) DyLight®800
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...) DyLight®800

North & South America
Tel: +1 800 285 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide
Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe
Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

"M341332:190109"

Printed on 20 May 2019

© 2019 Bio-Rad Laboratories Inc | Legal | Imprint