Datasheet: MCA519A647

Description: RAT ANTI MOUSE MACROPHAGES/MONOCYTES: Alexa Fluor® 647

Specificity: MACROPHAGES/MONOCYTES

Format: ALEXA FLUOR® 647

Product Type: Monoclonal Antibody

Clone: MOMA-2

Isotype: IgG2b

Quantity: 100 TESTS/1ml

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>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Flow Cytometry (1)</td>
<td></td>
<td></td>
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<td>Neat - 1/10</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.

*Membrane permeabilisation is required for this application. Bio-Rad recommends the use of Leucoperm™ (Product Code BUF09) for this purpose.

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Target Species

Mouse

Product Form

Purified IgG conjugated to Alexa Fluor® 647 - liquid

Max Ex/Em

<table>
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<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
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</thead>
<tbody>
<tr>
<td>Alexa Fluor® 647</td>
<td>650</td>
<td>665</td>
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</table>

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

1% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 0.05mg/ml

Immunogen

Mouse lymph node stroma.
Spleen cells from immunised Wistar rats were fused with cells of the SP/O myeloma cell line.

**Specificity**

Rat anti Mouse Macrophages/Monocytes antibody, clone MOMA-2 recognizes an intracellular antigen of mouse macrophages and monocytes. It reacts strongly with macrophages in lymphoid organs such as tingible body macrophages and macrophages in T cell dependant areas and is extremely useful in immunohistochemistry. Reacts on all mouse strains tested.

**Flow Cytometry**

Use 10ul of the suggested working dilution to label 1x10⁶ 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. This product is photosensitive and should be protected from light.

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.
Acknowledgements

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Health And Safety Information


Regulatory

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Related Products

Recommended Useful Reagents

MOUSE SEROBLOCK FcR (BUF041A)
MOUSE SEROBLOCK FcR (BUF041B)