

Datasheet: MCA519A647T

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:	25 TESTS/0.25ml

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 .								
Flow Cytometry (1)	<table border="1"> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">No</td> <td style="text-align: center;">Not Determined</td> <td style="text-align: center;">Suggested Dilution</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">▪</td> <td></td> <td style="text-align: center;">Neat - 1/10</td> </tr> </table>	Yes	No	Not Determined	Suggested Dilution		▪		Neat - 1/10
Yes	No	Not Determined	Suggested Dilution						
	▪		Neat - 1/10						

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.

(1) Membrane permeabilization is required for this application. The use of Leucoperm (Product Code [BUF09](#)) is recommended for this purpose.

Target Species	Mouse		
Product Form	Purified IgG conjugated to Alexa Fluor® 647 - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Alexa Fluor®647	650	665
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.		
Buffer Solution	Phosphate buffered saline.		
Preservative	0.09% Sodium Azide		
Stabilisers	1% Bovine Serum Albumin		
Approx. Protein	IgG concentration 0.05mg/ml.		

Concentrations

Immunogen	Mouse lymph node stroma.
RRID	AB_1102750
Fusion Partners	Spleen cells from immunised Wistar rats were fused with cells of the SP/0 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 1x10 ⁶ cells in 100ul.
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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. This product is photosensitive and should be protected from light.

Guarantee	12 months from date of despatch.
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