Datasheet: MCA519A700T

Description:	RAT ANTI MOUSE MACROPHAGES/MONOCYTES:Alexa Fluor® 700
Specificity:	MACROPHAGES/MONOCYTES
Format:	ALEXA FLUOR® 700
Product Type:	Monoclonal Antibody
Clone:	MOMA-2
Isotype:	IgG2b
Quantity:	25 TESTS/0.25ml

Product Details

RRID AB_1102751

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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry (1)	▪			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.

*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® 700 - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
Alexa Fluor®700	702	723

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.
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

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.

Guarantee	18 months from date of despatch.
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'M352988:190409'

Printed on 20 May 2019