

Datasheet: MCA518S

BATCH NUMBER 155192

Description:	MOUSE ANTI GUINEA PIG MACROPHAGES
Specificity:	MACROPHAGES/MONOCYTES
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	MR-1
Isotype:	IgG1
Quantity:	2 ml

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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry (1)	▪			Neat - 1/10
Immunohistology - Frozen	▪			1/10
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	

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

Target Species	Guinea Pig
Product Form	Tissue Culture Supernatant - liquid
Preparation	Tissue Culture Supernatant containing 2% foetal bovine serum
Preservative Stabilisers	0.09% Sodium Azide
Immunogen	Guinea Pig lymph node stroma.

RRID	AB_322840
Fusion Partners	Spleen cells from immunised mice were fused with cells of the mouse Sp2/0 myeloma cell line.
Specificity	Mouse anti Guinea Pig macrophages / monocytes antibody, clone MR-1 recognizes a cytoplasmic component of guinea pig monocytes and most tissue macrophages. Mouse anti Guinea Pig macrophages / monocytes antibody, clone MR-1 does not recognise cortical macrophages of the thymus or microglial cells of the brain.
Flow Cytometry	Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.
References	<ol style="list-style-type: none"> 1. Kraal, G. <i>et al.</i> (1988) Histochemical identification of guinea-pig macrophages by monoclonal antibody MR-1. Immunology. 65 (4): 523-8. 2. Shang, S. <i>et al.</i> (2011) Activities of TMC207, rifampin, and pyrazinamide against Mycobacterium tuberculosis infection in guinea pigs. Antimicrob Agents Chemother. 55 (1): 124-31. 3. Mateo, M. <i>et al.</i> (2011) VP24 is a molecular determinant of Ebola virus virulence in guinea pigs. J Infect Dis. 204 Suppl 3: S1011-20. 4. Bendig, M.M. <i>et al.</i> (2007) Humanized antibodies against leukocyte adhesion molecule VLA-4 Patent Appl WO 1995019790 A1
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10055 available at: https://www.bio-rad-antibodies.com/SDS/MCA518S 10055
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [FITC](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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To
find a

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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