

Datasheet: MCA518S

BATCH NUMBER 156846

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|----------------------|-----------------------------------|
| 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.

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| 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. |

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| 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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