

Datasheet: MCA692

BATCH NUMBER 162001

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| Description: | MOUSE IgM NEGATIVE CONTROL |
| Specificity: | MOUSE IgM NEGATIVE CONTROL |
| Format: | Purified |
| Product Type: | Negative/Isotype Control |
| Isotype: | IgM |
| Quantity: | 100 TESTS |

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 | ▪ | | | Neat |

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.

| | |
|---------------------------------------|--|
| Target Species | Negative Control |
| Product Form | Purified IgM - liquid |
| Preparation | Purified IgM prepared by ammonium sulphate precipitation from tissue culture supernatant. |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide |
| Approx. Protein Concentrations | IgM concentration 0.1mg/ml |
| RRID | AB_322278 |
| Fusion Partners | Spleen cells from immunised BALB/c mice were fused with cells of the P3-X63-Ag8.653 mouse myeloma cell line. |

Specificity **Mouse IgM negative control antibody** is designed for use as a negative control reagent to assess the level of non-specific binding of mouse IgM monoclonal antibodies to human cells.

This antibody recognizes a cell surface protein on rat cells and is therefore not suitable as an isotype control for work on this species.

Flow Cytometry Use 10ul of the suggested working dilution to label 1×10^6 cells or 100ul whole blood.

References 1. Peek, V. *et al.* (2020) Age-Dependent Changes of Adipokine and Cytokine Secretion From Rat Adipose Tissue by Endogenous and Exogenous Toll-Like Receptor Agonists. [Front Immunol. 11: 1800.](#)

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/MCA692>
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Regulatory For research purposes only

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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](https://www.bio-rad-antibodies.com/datasheets)

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