

Datasheet: MCA692

BATCH NUMBER 0809

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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.

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| 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. |

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| Specificity | <p>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.</p> <p>This antibody recognizes a cell surface protein on rat cells and is therefore not suitable as an isotype control for work on this species.</p> |
| Flow Cytometry | Use 10ul of the suggested working dilution to label 1 x 10 ⁶ cells or 100ul whole blood. |
| References | <p>1. Peek, V. <i>et al.</i> (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.</p> |
| Storage | <p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted. 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 | <p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA692</p> <p>10040</p> |
| Regulatory | For research purposes only |

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|----------------------------------|---|------------------|---|---------------|---|
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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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