Datasheet: MCA692

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 precipiation 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 x 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 10040
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

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