

Datasheet: MCA1210XZ

Description:	MOUSE IgG2a NEGATIVE CONTROL:Preservative Free
Specificity:	MOUSE IgG2a NEGATIVE CONTROL
Format:	Preservative Free
Product Type:	Negative/Isotype Control
Isotype:	IgG2a
Quantity:	1 mg

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	■			*

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures.

* It is recommended that the user dilutes the antibody for use in their own system to a concentration equivalent to their test antibody.

Target Species	Negative Control
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on protein G from tissue culture supernant.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1 mg/ml
Immunogen	Human T lymphocytes.
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the NSI mouse myeloma cell line.
Specificity	Mouse IgG2a Negative Control is suitable for use as a matched isotype negative control reagent to assess the level of non-specific binding of mouse IgG2a monoclonal antibodies to rat cells. This antibody has been tested and found to be negative on the following rat cells – peripheral blood

leucocytes, thymocytes, splenocytes and macrophages.

MCA1210 recognizes the human CD45 antigen and therefore human leucocytes may be used as a positive control for this product.

THIS PRODUCT IS NOT SUITABLE FOR USE AS A NEGATIVE CONTROL ON HUMAN TISSUES.

Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
References	1. Fijak, M. <i>et al.</i> (2015) Influence of Testosterone on Inflammatory Response in Testicular Cells and Expression of Transcription Factor Foxp3 in T Cells. Am J Reprod Immunol. 74 (1): 12-25.
Storage	Store at -20°C only. 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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
Regulatory	For research purposes only

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