

Datasheet: MCA1123R

Description:	RAT IgG1 NEGATIVE CONTROL
Specificity:	RAT IgG1 NEGATIVE CONTROL
Format:	Purified
Product Type:	Negative/Isotype Control
Isotype:	IgG1
Quantity:	0.1 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	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	

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 titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Negative Control
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Dinitrophenyl hapten (DNP) conjugated to ovalbumin.
Fusion Partners	Spleen cells from an immunised LOU/c rat were fused with cells of the rat IR983F myeloma cell line.
Specificity	Rat anti DNP antibody recognizes dinitrophenyl Hapten. This antibody is suitable for use as a negative control for the measurement of non-specific binding of Rat monoclonal antibodies, of isotype IgG1, to human tissues.

Test results have shown that MCA1123B is also suitable as a negative control with porcine and

canine tissues.

Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.

References 1. Bellingan, G.J. *et al.* (2002) Adhesion molecule-dependent mechanisms regulate the rate of macrophage clearance during the resolution of peritoneal inflammation. [J Exp Med. 196 \(11\): 1515-21.](#)

Storage Store at +4°C or at -20°C if preferred.

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 #10040 available at: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

'M271805:150615'

Printed on 27 Apr 2017

© 2017 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)