

## Datasheet: MCA691B

<b>Description:</b>	MOUSE IgG2b NEGATIVE CONTROL:Biotin
<b>Specificity:</b>	MOUSE IgG2b NEGATIVE CONTROL
<b>Format:</b>	Biotin
<b>Product Type:</b>	Negative/Isotype Control
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	100 TESTS

## Product Details

**RRID** AB\_322529

### 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](http://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. Suggested working dilutions are given as a guide only.

### Target Species

Negative Control

### Product Form

Purified IgG conjugated to Biotin - liquid

### Preparation

Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative

0.09% Sodium Azide

### Stabilisers

1% Bovine Serum Albumin

### Approx. Protein Concentrations

IgG concentration 0.1 mg/ml

### Specificity

**Mouse IgG2b Negative Control** is negative on all human cells and cell lines tested. This antibody recognises a rat cell surface marker, and therefore cannot be used as a negative control in this species.

Test results show that MCA691C is also suitable for use as a negative control with bovine, ovine, porcine, canine and guinea-pig tissues.

### Flow Cytometry

Use 10ul of the suggested working dilution to label  $10^6$  cells in 100ul.

\*It is suggested that the user adjusts the concentration of this reagent to be the same as the test reagent.

## References

1. Grant, A.J. *et al.* (2002) Hepatic expression of secondary lymphoid chemokine (CCL21) promotes the development of portal-associated lymphoid tissue in chronic inflammatory liver disease. [Am J Pathol. 160 \(4\): 1445-55.](#)
2. Zheng, X. *et al.* (2002) Interleukin-3, but not granulocyte-macrophage colony-stimulating factor and interleukin-5, inhibits apoptosis of human basophils through phosphatidylinositol 3-kinase: requirement of NF-kappaB-dependent and -independent pathways. [Immunology. 107 \(3\): 306-15.](#)
3. Dalli, J. *et al.* (2008) Annexin 1 mediates the rapid anti-inflammatory effects of neutrophil-derived microparticles. [Blood. 112 \(6\): 2512-9.](#)
4. Kapetanovic, R. *et al.* (2012) Pig bone marrow-derived macrophages resemble human macrophages in their response to bacterial lipopolysaccharide. [J Immunol. 188: 3382-94.](#)
5. Shoham, T. *et al.* (2001) Reduced expression of activin A in focal lymphoid agglomerates within nasal polyps. [J Histochem Cytochem. 49 \(10\): 1245-52.](#)

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## Storage

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

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.

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## Guarantee

18 months from date of despatch.

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## Health And Safety Information

Material Safety Datasheet documentation #10041 available at:  
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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## Regulatory

For research purposes only

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