

Datasheet: MCA691

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| Description: | MOUSE IgG2b NEGATIVE CONTROL |
| Specificity: | MOUSE IgG2b NEGATIVE CONTROL |
| Format: | Purified |
| Product Type: | Negative/Isotype Control |
| Isotype: | IgG2b |
| Quantity: | 100 TESTS |

Product Details

RRID AB_322274

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. Suggested working dilutions are given as a guide only.

*It is recommended that the user titrates the antibody for use in their system to a concentration equivalent to that of their test reagents.

Target Species Negative Control

Product Form Purified IgG - liquid

Preparation Purified IgG prepared by affinity chromatography on Protein A

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 1×10^6 cells in 100ul.

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.](#)

Storage

Store at +4°C for one month or at -20°C for longer.

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.

Guarantee

18 months from date of despatch.

Health And Safety Information

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

Regulatory

For research purposes only

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