

Datasheet: MCA691PB

BATCH NUMBER 149548

Description:	MOUSE IgG2b NEGATIVE CONTROL:Pacific Blue®
Specificity:	MOUSE IgG2b NEGATIVE CONTROL
Format:	Pacific Blue®
Product Type:	Negative/Isotype Control
Isotype:	IgG2b
Quantity:	100 TESTS/1ml

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. Suggested working dilutions are given as a guide only.

Target Species	Negative Control		
Product Form	Purified IgG conjugated to Pacific Blue® - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Pacific Blue®	410	455
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	0.09% Sodium Azide		
	1% Bovine Serum Albumin		
Approx. Protein Concentrations	IgG concentration 0.05 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. * This antibody should be used at the same concentration as the test antibody.
-----------------------	---

References	<ol style="list-style-type: none">1. Grant, A.J. <i>et al.</i> (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. <i>et al.</i> (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. <i>et al.</i> (2008) Annexin 1 mediates the rapid anti-inflammatory effects of neutrophil-derived microparticles. Blood. 112 (6): 2512-9.4. Kapetanovic, R. <i>et al.</i> (2012) Pig bone marrow-derived macrophages resemble human macrophages in their response to bacterial lipopolysaccharide. J Immunol. 188: 3382-94.5. Shoham, T. <i>et al.</i> (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 or at -20°C if preferred. This product should be stored undiluted.
----------------	---

Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee	12 months from date of despatch
------------------	---------------------------------

Acknowledgements	The Pacific Blue® dye antibody conjugates in this product are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays, and are covered by pending and issued patents.
-------------------------	--

Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA691PB 10041
--------------------------------------	---

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M368775:200529'

Printed on 09 Mar 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)