

## Datasheet: MCA6006APC

**BATCH NUMBER INN1806**

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

### 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](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. \*This antibody should be used at the same concentration as the test antibody.

**Target Species** Negative Control

**Product Form** Purified IgG conjugated to Allophycocyanin (APC) - lyophilised

**Reconstitution** Reconstitute with 1.0 ml distilled water  
Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.

Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	APC	650	661

**Preparation** Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.09% Sodium Azide (NaN<sub>3</sub>)  
1% Bovine Serum Albumin  
5% Sucrose

<b>Immunogen</b>	KLH
<b>Specificity</b>	<p><b>Rat IgG2b negative control</b>, a rat monoclonal raised against KLH, is recommended for use as a negative control to assess the level of non-specific binding of rat IgG2b test antibodies to the surface of human and mouse cells in flow cytometry.</p> <p>Test results have shown that this antibody is also suitable for use as a negative control with porcine and canine cells.</p>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label $1 \times 10^6$ cells in 100ul
<b>Storage</b>	<p>Prior to reconstitution store at +4°C.          After reconstitution store at +4°C.          DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #20487 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/MCA6006APC">https://www.bio-rad-antibodies.com/SDS/MCA6006APC</a>          20487</p>
<b>Regulatory</b>	For research purposes only

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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)  
 'M375626:210104'

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