

## Datasheet: MCA6006A700

<b>Description:</b>	RAT IgG2b NEGATIVE CONTROL:Alexa Fluor® 700
<b>Specificity:</b>	RAT IgG2b NEGATIVE CONTROL
<b>Format:</b>	ALEXA FLUOR® 700
<b>Product Type:</b>	Negative/Isotype Control
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	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](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.

<b>Target Species</b>	Negative Control		
<b>Product Form</b>	Purified IgG conjugated to Alexa Fluor 700 - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	Alexa Fluor®700	702	723
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )		
<b>Stabilisers</b>	1% Bovine Serum Albumin		
<b>Approx. Protein Concentrations</b>	IgG concentration 0.05 mg/ml		
<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>		

**Flow Cytometry** Use 10ul of the suggested working dilution to label 1x10<sup>6</sup> cells in 100ul

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**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

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**Guarantee** 12 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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