

## Datasheet: MCA6006AMO

**BATCH NUMBER 149044**

|                      |  |
|----------------------|--|
| <b>Description:</b>  | RAT IgG2b NEGATIVE CONTROL:Amethyst Orange |
| <b>Specificity:</b>  | RAT IgG2b NEGATIVE CONTROL                 |
| <b>Format:</b>       | Amethyst Orange                            |
| <b>Product Type:</b> | Negative/Isotype Control                   |
| <b>Isotype:</b>      | IgG2b                                      |
| <b>Quantity:</b>     | 0.1 mg                                     |

### 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 Amethyst Orange - liquid   |                            |                          |
| <b>Max Ex/Em</b>                      | <b>Fluorophore</b>  | <b>Excitation Max (nm)</b> | <b>Emission Max (nm)</b> |
|                                       | Amethyst Orange   | 405                        | 540                      |
| <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 0.1 mg/ml   |                            |                          |
| <b>Immunogen</b>                      | KLH   |                            |                          |

**Specificity** **Rat IgG2b negative control**, 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.

Test results have shown that this antibody is also suitable for use as a negative control with porcine and canine cells.

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**Flow Cytometry** Use 10ul of the suggested working dilution to label  $1 \times 10^6$  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: <https://www.bio-rad-antibodies.com/SDS/MCA6006AMO10041>

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**Regulatory** For research purposes only

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**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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)

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