

## Datasheet: MCA6004B

**BATCH NUMBER 1015**

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| <b>Description:</b>  | RAT IgG1 NEGATIVE CONTROL:BIOTIN |
| <b>Specificity:</b>  | RAT IgG1 NEGATIVE CONTROL        |
| <b>Format:</b>       | Biotin                           |
| <b>Product Type:</b> | Negative/Isotype Control         |
| <b>Isotype:</b>      | IgG1                             |
| <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 Biotin - liquid   |
| <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 Stabilisers</b>       | 0.09% Sodium Azide (NaN <sub>3</sub> ) 1% BSA  |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.1 mg/ml  |
| <b>Immunogen</b>                      | Horseradish peroxidase   |
| <b>Specificity</b>                    | <b>Rat IgG1 negative control</b> , a rat monoclonal raised against horseradish peroxidase, is recommended for use as a negative control to assess the level of non-specific binding of rat IgG1 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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| <b>Flow Cytometry</b> | Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul |
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| <b>Storage</b> | Store at +4°C or at -20°C if preferred. |
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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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| <b>Guarantee</b> | 12 months from date of despatch |
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| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10041 available at:<br><a href="https://www.bio-rad-antibodies.com/SDS/MCA6004B">https://www.bio-rad-antibodies.com/SDS/MCA6004B</a><br>10041 |
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|-------------------|----------------------------|
| <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)

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