

Datasheet: MCA1211EL

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| Description: | RAT IgG1 NEGATIVE CONTROL:Low Endotoxin |
| Specificity: | RAT IgG1 NEGATIVE CONTROL |
| Format: | Low Endotoxin |
| Product Type: | Negative/Isotype Control |
| Isotype: | IgG1 |
| Quantity: | 0.5 mg |

Product Details

RRID AB_567354

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 | ■ | | | * |
| Immunohistology - Frozen | ■ | | | |
| Immunohistology - Paraffin | | | ■ | |
| ELISA | ■ | | | |
| Immunoprecipitation | | | ■ | |
| Western Blotting | | | ■ | |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures.

* It is recommended that the user dilutes the antibody for use in their own system to a concentration equivalent to their test antibody.

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| Target Species | Negative Control |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | None present |
| Carrier Free | Yes |
| Endotoxin Level | <0.01 EU/ug |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |

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| Fusion Partners | Spleen cells from immunized PVG-RT1u rat were fused with cells of the rat Y3/Ag1.2.3 myeloma cell line. |
| Specificity | <p>Rat IgG1 Negative Control antibody is suitable for the measurement of non-specific binding of rat monoclonal antibodies of isotype IgG1 to target cells. Rat IgG1 Negative Control antibody is intended for use on mouse tissues.</p> <p>N.B. This Rat IgG1 Negative Control antibody recognizes a human cell surface marker, and therefore cannot be used as a negative control in this species.</p> |
| Flow Cytometry | Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul. |
| References | <ol style="list-style-type: none"> 1. Grimm, M. <i>et al.</i> (2010) Evaluation of immunological escape mechanisms in a mouse model of colorectal liver metastases. BMC Cancer. 10:82. 2. Tighe, R.M. <i>et al.</i> (2011) Ozone Inhalation Promotes CX3CR1-Dependent Maturation of Resident Lung Macrophages That Limit Oxidative Stress and Inflammation. J Immunol. 187: 4800-8. 3. Heidt, T. <i>et al.</i> (2016) Molecular Imaging of Activated Platelets Allows the Detection of Pulmonary Embolism with Magnetic Resonance Imaging. Sci Rep. 6: 25044. |
| Storage | <p>Store at -20°C only.</p> <p>This product should be stored undiluted.</p> <p>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.</p> |
| Shelf Life | 18 months from date of despatch. |
| Health And Safety Information | Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Negative Controls

[RAT IgG1 NEGATIVE CONTROL:Low Endotoxin \(MCA6004EL\)](#)

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|----------------------------------|---|------------------|---|---------------|---|
| 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 |
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