

Datasheet: MCA6005A488

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| Description: | RAT IgG2a NEGATIVE CONTROL:Alexa Fluor® 488 |
| Specificity: | RAT IgG2a NEGATIVE CONTROL |
| Format: | ALEXA FLUOR® 488 |
| Product Type: | Negative/Isotype Control |
| Isotype: | IgG2a |
| Quantity: | 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.

| | 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.

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|---------------------------------------|--|----------------------------|--------------------------|
| Target Species | Negative Control | | |
| Product Form | Purified IgG conjugated to Alexa Fluor® 488 - liquid | | |
| Max Ex/Em | Fluorophore | Excitation Max (nm) | Emission Max (nm) |
| | Alexa Fluor®488 | 495 | 519 |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant | | |
| Buffer Solution | Phosphate buffered saline | | |
| Preservative | 0.09% Sodium Azide (NaN ₃) | | |
| Stabilisers | 1% Bovine Serum Albumin | | |
| Approx. Protein Concentrations | IgG concentration 0.05 mg/ml | | |
| Immunogen | Trinitrophenol | | |
| Specificity | <p>Rat IgG2a negative control, a rat monoclonal raised against trinitrophenol, is recommended for use as a negative control to assess the level of non-specific binding of rat IgG2a 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 1x10⁶ cells in 100ul

Storage Store at +4°C or at -20°C if preferred.
Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. 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.

Guarantee 18 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>

Regulatory For research purposes only

Related Products

Recommended Negative Controls

[RAT IgG2a NEGATIVE CONTROL:Alexa Fluor® 488 \(MCA1212A488\)](#)

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