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# Functional Grade IgG2a Isotype Control Antibody

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| **Catalog Number:** | 302603, 302604, 302605, 302606 |
| **Size:** | 1 mg, 5 mg, 25 mg, 100 mg |
| **Target Name:** | Mouse IgG2a Isotype Control |
| **Regulatory Status:** | RUO |

## PRODUCT DETAILS

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| **Clone:** | MOPC-21-2a |
| **Application:** | Functional Assay |
| **Reactivity:** | N/A |
| **Format:** | LENP |
| **Isotype:** | Mouse IgG2a |
| **Antibody Type:** | Monoclonal |
| **Formulation:** | Phosphate-buffered solution, pH 7.2, with endotoxin level is less than 0.1Eu/ug as determined by LAL test. |
| **Protein Concentration:** | The 1 mg size is provided at a concentration of 1 mg/mL. Other sizes are supplied at lot-specific concentrations. |
| **Storage and Handling:** | Store the antibody undiluted at 2°C to 8°C. This LENP-grade (Low Endotoxin, No Preservative) antibody is preservative-free and should be handled using aseptic techniques. |
| **Recommended Usage:** | Use at concentrations comparable to those used for the target-specific antibody. |

## BACKGROUND INFORMATION

This antibody is a clone of the MOPC-21 variable region with a Moue IgG2a, kappa isotype. MOPC-21 immunoglobulin has an unknown antigen specificity and is commonly used as an isotype control. It was selected based on screening across a variety of resting and activated cells, as well as live and fixed tissues from mouse, rat, and human sources.