

## Technical Data Sheet

### Mouse IgG2a Isotype Control

**Catalog Number:** 301501, 301502  
**Size:** 100 ug, 500 ug  
**Target Name:** Mouse IgG2a Isotype Control  
**Regulatory Status:** RUO

#### Product Details

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**Clone:** MOPC-173  
**Application:** FC  
**Reactivity:** N/A  
**Format:** Purified  
**Isotype:** Mouse IgG2a  
**Antibody Type:** Monoclonal  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide  
**Protein Concentration:** 0.5 mg/mL  
**Storage and Handling:** Store the antibody undiluted at 2°C to 8°C.  
**Recommended Usage:** Use at concentrations comparable to those used for the target-specific antibody

#### Background Information

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The clone of MOPC-173 antibody is mouse isotype IgG2a, k. The MOPC-21 immunoglobulin has unknown specificity. It is chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.