

## Technical Data Sheet

### Functional Grade Mouse IgG1 Isotype control

**Catalog Number:** 301421, 301422, 301423, 301424

**Size:** 1 mg, 5 mg, 25 mg, 100 mg

**Target Name:** Mouse IgG1 Isotype Control

**Regulatory Status:** RUO

#### Product Details

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**Clone:** MOPC-21

**Application:** FA

**Reactivity:** N/A

**Format:** LENP

**Isotype:** Mouse IgG1

**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

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The clone of MOPC-21 antibody is mouse isotype IgG1, 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.