

## **Technical Data Sheet**

### **Rat IgG1 Isotype Control Antibody**

**Catalog Number:** 303401, 303402  
**Size:** 25 ug, 100 ug  
**Target Name:** Rat IgG1 Isotype Control  
**Regulatory Status:** RUO

#### **Product Details**

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**Clone:** MOPC-21-R1  
**Application:** Flow Cytometry  
**Reactivity:** N/A  
**Format:** Purified  
**Isotype:** Rat IgG1, kappa  
**Antibody Type:** Monoclonal  
**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide  
**Protein Concentration:** 0.5 mg/mL  
**Storage&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  
**Release Date:** Dec-25

#### **Background Information**

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This antibody is a clone of the MOPC-21 variable region with a rat IgG1,  $\kappa$  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.