

## Technical Data Sheet

### iF647 Mouse IgG2a Isotype Control

**Catalog Number:** 302607, 302608

**Size:** 25 ug, 100 ug

**Target Name:** Mouse IgG2a Isotype Control

**Regulatory Status:** RUO

#### Product Details

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**Clone:** MOPC-21-2a

**Application:** FC

**Reactivity:** N/A

**Format:** iF647

**Isotype:** Mouse IgG2a

**Antibody Type:** Monoclonal

**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

**Protein Concentration:** 0.2 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

**Excitation Laser:** Red Laser (633 nm)

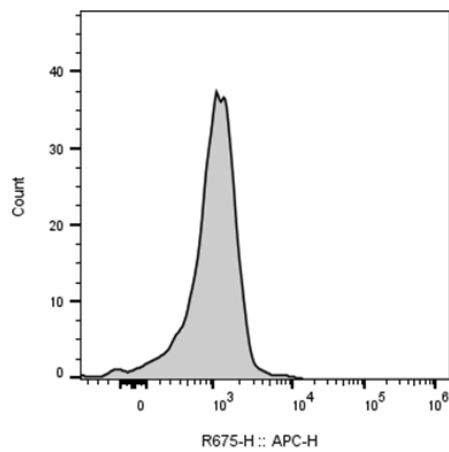
#### Background Information

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This antibody is a clone of the MOPC-21 variable region with a Mouse 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.

#### Product Data

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Mouse splenocytes stained with iF647 Mouse IgG2a Isotype Control clone MOPC-21-2a (gray histogram).