

## Technical Data Sheet

### iF488 Rat IgG1 Isotype Control Antibody

**Catalog Number:** 300102

**Size:** 50 ug

**Target Name:** Rat IgG1 Isotype Control

**Regulatory Status:** RUO

#### Product Details

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**Clone:** RTK2071

**Application:** Flow Cytometry

**Reactivity:** N/A

**Format:** iF488

**Isotype:** Rat IgG1

**Antibody Type:** Monoclonal

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

**Protein Concentration:** 0.2mg/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. iF488 has an excitation max at 491 nm and an emission max at 516 nm.

**Excitation Laser:** Blue Laser (488 nm)

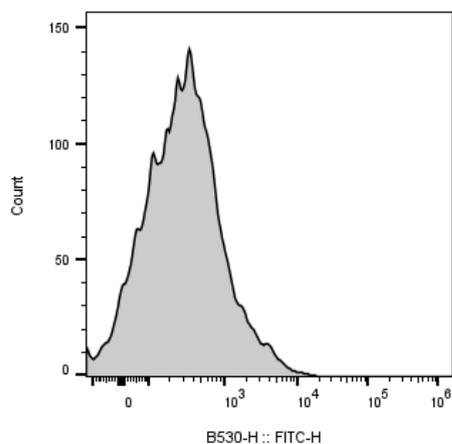
#### Background Information

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The isotype of RTK2071 immunoglobulin is rat IgG1,  $\kappa$ . This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.

#### Product Data

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Mouse splenocytes stained with iF488 Rat IgG1 Isotype Control clone RTK2071 (gray histogram)