

## Technical Data Sheet

iF647 Rabbit IgG, &kappa;2 Isotype Control (Fc silent)

**Catalog Number:** 303807, 303808

**Size:** 25 ug, 100 ug

**Target Name:** Rabbit IgG, K2 Isotype Control with Fc silent mutation

**Regulatory Status:** RUO

### Product Details

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**Clone:** MOPC-173-B2-SH

**Application:** FC

**Reactivity:** N/A

**Format:** iF647

**Isotype:** Rabbit IgG, Kappa2

**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&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)

**Release Date:** Dec-25

### Background Information

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This antibody is a clone of the MOPC-173 variable region with a rabbit IgG  $\kappa$ 2 isotype. MOPC-173 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. This clone carries LALA mutations to reduce or eliminate Fc-mediated effector functions.