

## Technical Data Sheet

### iF700 Human IgG1 Isotype Control Antibody

**Catalog Number:** 301219, 301220  
**Size:** 25 ug, 100 ug  
**Target Name:** Human IgG1 isotype control  
**Regulatory Status:** RUO

#### Product Details

---

**Clone:** 1016AH1  
**Application:** Flow Cytometry  
**Reactivity:** N/A  
**Format:** APC  
**Isotype:** Human 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&Handling:** The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.  
**Recommended Usage:** Use at concentrations comparable to those used for the target-specific antibody. iF700 has an excitation max at 690 nm and an emission max at 710 nm.  
**Excitation Laser:** Red Laser (633 nm)  
**Release Date:** Dec-25

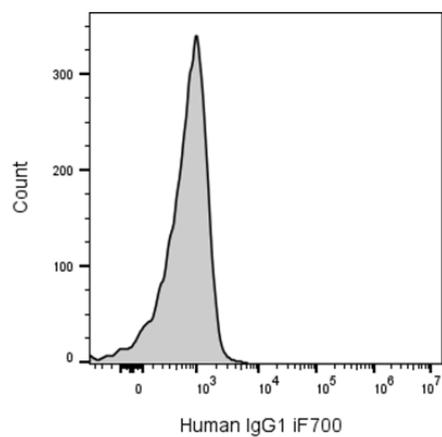
#### Background Information

---

There are four IgG subclasses (IgG1, 2, 3, and 4) in humans, named in order of their abundance in serum (IgG1 being the most abundant). The measurement of immunoglobulin G can be a diagnostic tool for certain conditions.

#### Product Data

---



Human peripheral blood lymphocytes was stained with iF700 Human IgG1 isotype control clone 1016AH1 (gray histogram).