

## Technical Data Sheet

### iF488 Human IgG2 Isotype Control

**Catalog Number:** 302903, 302904  
**Size:** 25 ug, 100 ug  
**Target Name:** Human IgG2 Isotype Control  
**Regulatory Status:** RUO

#### Product Details

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**Clone:** 1016AH2  
**Application:** FC  
**Reactivity:** N/A  
**Format:** iF488  
**Isotype:** Human IgG2  
**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  
**Excitation Laser:** Blue Laser (488 nm)

#### Background Information

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Human IgG2 (Immunoglobulin G subclass 2) is one of the four subclasses of IgG antibodies found in human blood and extracellular fluid. It is produced by B cells and makes up about 20–25% of total IgG in human serum. IgG2 is formed by two identical heavy chains and two identical light chains