

## iF700 Human IgG1 Isotype Control Antibody

|                           |                            |
|---------------------------|----------------------------|
| <b>Catalog Number:</b>    | 301219, 301220             |
| <b>Size:</b>              | 25 ug, 100 ug              |
| <b>Target Name:</b>       | Human IgG1 isotype control |
| <b>Regulatory Status:</b> | RUO                        |

### PRODUCT DETAILS

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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clone:</b>                 | 1016AH1                                                                                                                                               |
| <b>Application:</b>           | Flow Cytometry                                                                                                                                        |
| <b>Reactivity:</b>            | N/A                                                                                                                                                   |
| <b>Format:</b>                | APC                                                                                                                                                   |
| <b>Isotype:</b>               | Human IgG1                                                                                                                                            |
| <b>Antibody Type:</b>         | Monoclonal                                                                                                                                            |
| <b>Formulation:</b>           | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA                                                                 |
| <b>Protein Concentration:</b> | 0.2mg/mL                                                                                                                                              |
| <b>Storage&amp;Handling:</b>  | The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.                  |
| <b>Recommended Usage:</b>     | 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. |
| <b>Excitation Laser:</b>      | Red Laser (633 nm)                                                                                                                                    |

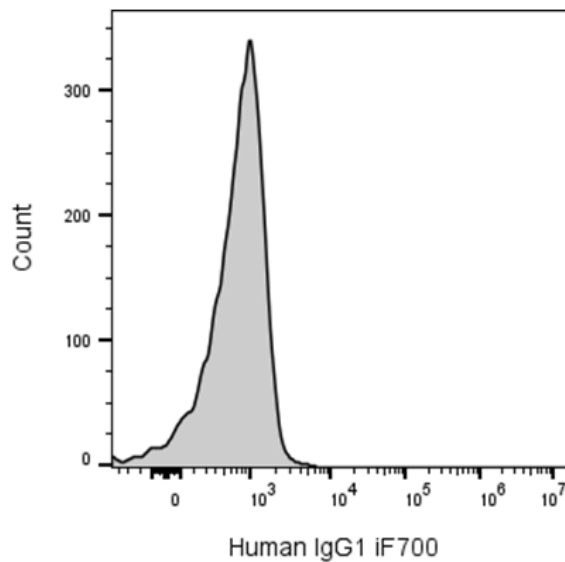
### BACKGROUND INFORMATION

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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

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

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