

## FITC Human IgG4 isotype control (S228P) Antibody

|                           |                            |
|---------------------------|----------------------------|
| <b>Catalog Number:</b>    | 303003, 303004             |
| <b>Size:</b>              | 25 ug, 100 ug              |
| <b>Target Name:</b>       | Human IgG4 isotype control |
| <b>Regulatory Status:</b> | RUO                        |

### PRODUCT DETAILS

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|-------------------------------|--|
| <b>Clone:</b>                 | 1016AH4M1  |
| <b>Application:</b>           | Flow Cytometry   |
| <b>Reactivity:</b>            | N/A  |
| <b>Format:</b>                | FITC   |
| <b>Isotype:</b>               | Human IgG4   |
| <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  |
| <b>Excitation Laser:</b>      | Blue Laser (488 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. This clone contains the S228P mutation, which helps minimize the half-antibody formation issue commonly observed in the IgG4 subclass.