

## APC/Cyanine7 Mouse IgG1 Isotype Control Antibody

|                           |                            |
|---------------------------|----------------------------|
| <b>Catalog Number:</b>    | 301405, 301406, 301435     |
| <b>Size:</b>              | 25 ug, 100 ug, 25 ug       |
| <b>Target Name:</b>       | Mouse IgG1 Isotype Control |
| <b>Regulatory Status:</b> | RUO                        |

### PRODUCT DETAILS

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| <b>Clone:</b>                 | MOPC-21                                                                                                                                                      |
| <b>Application:</b>           | Flow Cytometry                                                                                                                                               |
| <b>Reactivity:</b>            | N/A                                                                                                                                                          |
| <b>Format:</b>                | APC/Cyanine7                                                                                                                                                 |
| <b>Isotype:</b>               | Mouse 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. APC/Cyanine7 has an excitation max at 650 nm and an emission max at 774 nm. |
| <b>Excitation Laser:</b>      | Red Laser (633 nm)                                                                                                                                           |

### BACKGROUND INFORMATION

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The clone of MOPC-21 antibody is mouse isotype IgG1, k. The MOPC-21 immunoglobulin has unknown specificity. It is chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.