

## PE Mouse IgG2a Isotype Control (Fc silent) Antibody

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| <b>Catalog Number:</b>    | 303207, 303208                                      |
| <b>Size:</b>              | 25 ug, 100 ug                                       |
| <b>Target Name:</b>       | Mouse IgG2a Isotype Control with Fc silent mutation |
| <b>Regulatory Status:</b> | RUO                                                 |

### PRODUCT DETAILS

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| <b>Clone:</b>                 | MOPC-173-SH                                                                                                       |
| <b>Application:</b>           | Flow Cytometry                                                                                                    |
| <b>Reactivity:</b>            | N/A                                                                                                               |
| <b>Format:</b>                | PE                                                                                                                |
| <b>Isotype:</b>               | Mouse IgG2a                                                                                                       |
| <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> | 0.2 mg/mL                                                                                                         |
| <b>Storage&amp;Handling:</b>  | Quick spin the vial after receiving. The antibody solution should be stored between 2°C and 8°C without dilution. |
| <b>Recommended Usage:</b>     | Use at concentrations comparable to those used for the target-specific antibody                                   |
| <b>Excitation Laser:</b>      | Blue Laser (488 nm) Green/Yellow laser (532/561nm)                                                                |

### BACKGROUND INFORMATION

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The clone of MOPC-173 antibody is mouse isotype IgG2a, 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. This clone carries LALAPG mutations to reduce or eliminate Fc-mediated effector functions