

## iF488 Mouse IgG2a Isotype Control Antibody

|                           |                             |
|---------------------------|-----------------------------|
| <b>Catalog Number:</b>    | 301505, 301506              |
| <b>Size:</b>              | 25 ug, 100 ug               |
| <b>Target Name:</b>       | Mouse IgG2a Isotype Control |
| <b>Regulatory Status:</b> | RUO                         |

### PRODUCT DETAILS

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|-------------------------------|---|
| <b>Clone:</b>                 | MOPC-173  |
| <b>Application:</b>           | Flow Cytometry  |
| <b>Reactivity:</b>            | N/A   |
| <b>Format:</b>                | iF488   |
| <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 and Handling:</b>  | Store the antibody undiluted at 2°C to 8°C.   |
| <b>Recommended Usage:</b>     | Use at concentrations comparable to those used for the target-specific antibody. iF488 has an excitation max at 491 nm and an emission max at 516 nm. |
| <b>Excitation Laser:</b>      | Blue Laser (488 nm)   |
| <b>RRID:</b>                  | AB_3739192  |

### 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.