

## iF488 Rat IgG2a Isotype control

|                           |                           |
|---------------------------|---------------------------|
| <b>Catalog Number:</b>    | 303513                    |
| <b>Size:</b>              | 25 ug                     |
| <b>Target Name:</b>       | Rat IgG2a Isotype Control |
| <b>Regulatory Status:</b> | RUO                       |

### PRODUCT DETAILS

---

|                               |                                                                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clone:</b>                 | MOPC-21-R2a                                                                                                                                           |
| <b>Application:</b>           | Flow Cytometry                                                                                                                                        |
| <b>Reactivity:</b>            | N/A                                                                                                                                                   |
| <b>Format:</b>                | iF488                                                                                                                                                 |
| <b>Isotype:</b>               | Rat IgG2a, kappa                                                                                                                                      |
| <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>  | 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. iF488 has an excitation max at 491 nm and an emission max at 516 nm. |
| <b>Excitation Laser:</b>      | Blue Laser (488 nm)                                                                                                                                   |

### BACKGROUND INFORMATION

---

This antibody is a clone of the MOPC-21 variable region with a rat IgG2a,  $\kappa$  isotype. MOPC-21 immunoglobulin has an unknown antigen specificity and is commonly used as an isotype control. It was selected based on screening across a variety of resting and activated cells, as well as live and fixed tissues from mouse, rat, and human sources.