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# iF488 Mouse IgG2b Isotype Control Antibody

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| **Catalog Number:** | 301603, 301604 |
| **Size:** | 25 μg, 100 μg |
| **Target Name:** | Mouse IgG2b Isotype Control |
| **Regulatory Status:** | RUO |

## PRODUCT DETAILS

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| **Clone:** | MOPC-21-2b |
| **Application:** | Flow Cytometry |
| **Reactivity:** | N/A |
| **Format:** | iF488 |
| **Isotype:** | Mouse IgG2b |
| **Antibody Type:** | Monoclonal |
| **Formulation:** | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA |
| **Protein Concentration:** | 0.2 mg/mL |
| **Storage and Handling:** | Store the antibody undiluted at 2°C to 8°C. |
| **Recommended Usage:** | 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. |
| **Excitation Laser:** | Blue Laser (488 nm) |
| **Storage & Handling:** | The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze. |

## BACKGROUND INFORMATION

This antibody is a clone of the MOPC-21 variable region with a mouse IgG2b, 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.