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#4843**Mouse (MOPC-21) mAb IgG1 Isotype Control (Alexa Fluor® 647 Conjugate)**

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For Research Use Only. Not for Use in Diagnostic Procedures.

| Applications: FC-FP, FC-L | Sensitivity: Endogenous | Source/Isotype: Mouse IgG1 |
|-------------------------------------|---|--------------------------------------|
| Product Usage Information | Note: This control antibody must be diluted to the same concentration (not dilution) as the specific antibody use in analysis. Higher background fluorescence may result if excessive amounts of isotype control are used. For protocol details, please reference the product page for the specific antibody used in analysis. | |
| Storage | Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibody. Protect from light. Do not freeze. | |
| Specificity/Sensitivity | The antibody is not directed against any known antigen. It functions as an isotype control for mouse monoclonal antibodies. This antibody was conjugated to Alexa Fluor® 647 under optimal conditions with an F/P ratio of 2-6. | |
| Description | This Cell Signaling Technology antibody is conjugated to Alexa Fluor® 647 fluorescent dye under optimal conditions and tested in-house for direct flow cytometric analysis of human cells. | |
| Background | Isotype control antibodies are used to estimate the nonspecific binding of target primary antibodies due to F _c receptor binding or other protein-protein interactions. An isotype control antibody should have the same immunoglobulin type and be used at the same concentration as the test antibody. | |
| Species Reactivity | Species reactivity is determined by testing in at least one approved application (e.g., western blot). | |
| Applications Key | FC-FP: Flow Cytometry (Fixed/Permeabilized) FC-L: Flow Cytometry (Live) | |
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