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Mouse (MOPC-21) mAb IgG1 Isotype Control (PerCP Conjugate)

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

| Applications: | Sensitivity: | Source/Isotype: |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| FC-FP, FC-L | Endogenous | Mouse IgG1 |
| Product Usage Information | Dilute this control antibody to the same concentration (not dilution) as the specific antibody used in analysis. See product vial or Certificate of Analysis for antibody concentrations. | |
| Storage | Supplied in 10 mM NaH ₂ PO ₄ , 150 mM NaCl, 0.09% NaN ₃ , 0.1% gelatin, pH 7.2. This product is stable for 12 months when stored 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. | |
| Description | This Cell Signaling Technology antibody is conjugated to PerCP under optimal conditions and tested in-house for direct flow cytometric analysis in 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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