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Mouse (MOPC-21) mAb IgG1 Isotype Control (APC-Cy7[®] 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, pH7.2. This product is stable for 6 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 APC-Cy7 [®] 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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