



**Orders:** 877-616-CELL (2355)  
orders@cellsignal.com

**Support:** 877-678-TECH (8324)

**Web:** info@cellsignal.com  
cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

#24589  
store at +4C

## Mouse (MOPC-21) mAb IgG1 Isotype Control (PerCP-Cy5.5<sup>®</sup> Conjugate)

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

Applications:	Sensitivity:	Source/Isotype:
FC-FP, FC-L	Endogenous	Mouse IgG1
<b>Product Usage Information</b>	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.	
<b>Storage</b>	Supplied in 10 mM NaH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, 0.09% NaN <sub>3</sub> , 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.	
<b>Specificity/Sensitivity</b>	The antibody is not directed against any known antigen. It functions as an isotype control for mouse monoclonal antibodies.	
<b>Description</b>	This Cell Signaling Technology antibody is conjugated to PerCP-Cy5.5 <sup>®</sup> under optimal conditions and tested in-house for direct flow cytometric analysis in human cells.	
<b>Background</b>	Isotype control antibodies are used to estimate the nonspecific binding of target primary antibodies due to F <sub>c</sub> 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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