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## Mouse (G3A1) mAb IgG1 Isotype Control (Pacific Blue™ Conjugate)



**Cell Signaling**  
TECHNOLOGY®

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

Applications:	Concentration:	Sensitivity:	Source/Isotype:
FC-FP, FC-L	100 µg/ml	Endogenous	Mouse IgG1 kappa
<b>Product Usage Information</b>	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.		
<b>Storage</b>	Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. <i>Protect from light. Do not freeze.</i>		
<b>Specificity / Sensitivity</b>	Mouse (G3A1) mAb IgG1 Isotype Control (Pacific Blue™) is not directed against any known antigen. It functions as an isotype control for mouse IgG1 monoclonal antibodies.		
<b>Product Description</b>	This Cell Signaling Technology antibody is conjugated to Pacific Blue™ fluorescent dye and tested in-house for flow cytometry 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.		
<b>Species Reactivity</b>	Species reactivity is determined by testing in at least one approved application (e.g., western blot).		
<b>Applications Key</b>	<b>FC-FP:</b> Flow Cytometry (Fixed/Permeabilized) <b>FC-L:</b> Flow Cytometry (Live)		
<b>Cross-Reactivity Key</b>	<b>H:</b> human <b>M:</b> mouse <b>R:</b> rat <b>Hm:</b> hamster <b>Mk:</b> monkey <b>Vir:</b> virus <b>Mi:</b> mink <b>C:</b> chicken <b>Dm:</b> D. melanogaster <b>X:</b> Xenopus <b>Z:</b> zebrafish <b>B:</b> bovine <b>Dg:</b> dog <b>Pg:</b> pig <b>Sc:</b> S. cerevisiae <b>Ce:</b> C. elegans <b>Hr:</b> horse <b>GP:</b> Guinea Pig <b>Rab:</b> rabbit <b>All:</b> all species expected		
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