

#5415 Store at -20°C

Mouse (G3A1) mAb IgG1 Isotype Control



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

Applications:	Concentration:	Sensitivity:	Source/Isotype:
IP, IHC-P, IF-F, IF-IC, FC-FP, FC-L, ChIP	2.5 mg/ml	Endogenous	Mouse IgG1 kappa
Product Usage Information	Important! This control antibody must be diluted to the same concentration (not dilution) as the specific antibody used 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 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.		
Specificity / Sensitivity	For a carrier free (BSA and azide free) version of this product see product #87582. Mouse (G3A1) mAb IgG1 Isotype Control is not directed against any known antigen. It functions as an isotype control for mouse IgG1 monoclonal antibodies.		
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	IP: Immunoprecipitation IHC-P: Immunohistochemistry (Paraffin) IF-F: Immunofluorescence (Frozen) IF-IC: Immunofluorescence (Immunocytochemistry) FC-FP: Flow Cytometry (Fixed/Permeabilized) FC-L: Flow Cytometry (Live) ChIP: Chromatin IP		
Cross-Reactivity Key	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected		
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