

## Product Datasheet

# Mouse IgG1 Antibody / Isotype Control for Mouse (orb2636477)

<b>Catalog Number</b>	orb2636477
<b>Category</b>	Antibodies
<b>Description</b>	To serve as a true negative control for various procedures, this mouse monoclonal IgG should be used under the identical conditions and at the same dilution as the rabbit monoclonal antibody being used for a positive reaction.
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, kappa
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
<b>Purification</b>	Protein A/G affinity
<b>Immunogen</b>	Recombinant full-length human IG1R protein was used as the immunogen for the mouse IgG1 antibody.
<b>Tested applications</b>	FACS, IF, IHC-P, WB
<b>Dilution range</b>	Flow cytometry: application dependent ,Immunofluorescence: application dependent,Immunohistochemistry (FFPE): application dependent,Western blot: application dependent
<b>Application notes</b>	Optimal dilution of the mouse IgG1 antibody should be determined by the researcher.

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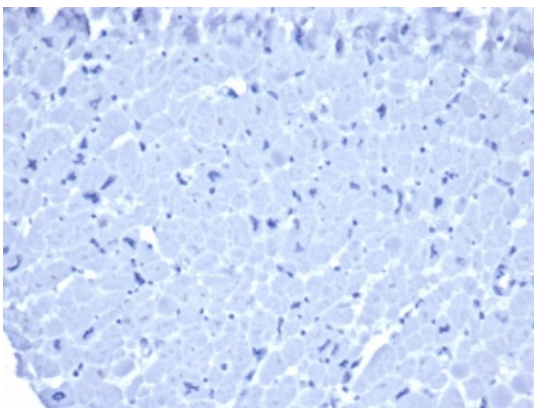
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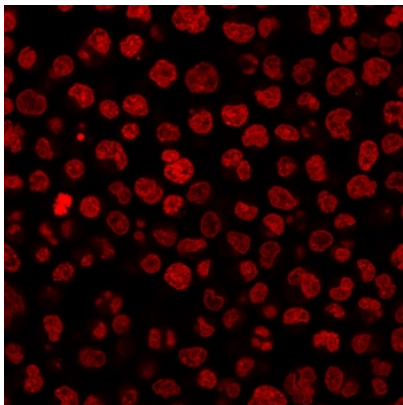
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<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	ICG1/1331
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



IHC staining of FFPE human heart tissue with mouse IgG1 antibody (clone ICG1/1331). HIER: boil tissue sections in pH9 10 mM Tris with 1 mM EDTA for 20 min and allow to cool before testing. No staining was observed.



Immunofluorescent staining of PFA-fixed human Raji cells with mouse IgG1 antibody (clone ICG1/1331, green) and Reddot nuclear stain (red). No IgG1 staining was observed.

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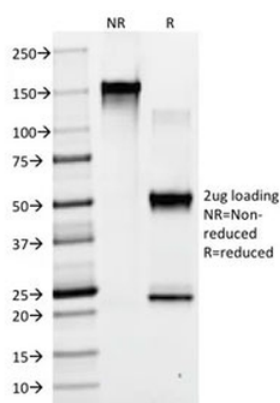
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SDS-PAGE analysis of purified, BSA-free mouse IgG1 antibody (clone ICG1/ 1331) as confirmation of integrity and purity.

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