

## Product Datasheet

# Rat IgG2a Isotype Control LOW ENDOTOXIN Antibody (orb623574)

<b>Catalog Number</b>	orb623574
<b>Category</b>	Antibodies
<b>Description</b>	Rat monoclonal isotype control to Rat IgG2a
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Rat IgG2a
<b>Conjugation</b>	Unconjugated
<b>Concentration</b>	1 mg/ml
<b>Buffer/Preservatives</b>	Phosphate buffered saline (PBS), pH 7.4
<b>Purification</b>	Purified by protein-G affinity chromatography.
<b>Tested applications</b>	ELISA, FA, FC, ICC, IHC-Fr, IHC-P, IP, WB
<b>Application notes</b>	Negative control: The reagent is intended as an isotype control to establish the amount of non-specific antibody binding. For your particular experiment, use the same concentration of this control antibody as the recommended working concentration of the antigen-specific antibody. Also, when working with prediluted antibodies, dilute the isotype control to the same concentration as is the concentration of the antigen-specific antibody in the prediluted antibody solution you are using. If under particular experimental conditions the background signal of the isotype control is too high (usually when working concentrations of used antibodies are above 10 µg/ml of incubation mixture), change the conditions of your experiment to reduce the background.

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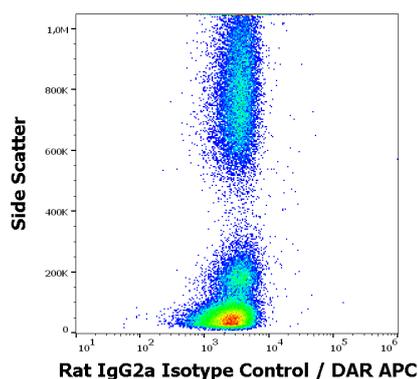
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<b>Specificity</b>	This rat IgG2a kappa monoclonal antibody (clone RTG2A1-1, also known as G2A-1-1 or KLH/G2A-1-1) detects specifically the hemocyanin of keyhole limpet and can be used as a negative control antibody in other species.
<b>Antibody Type</b>	Secondary Antibody
<b>Clone Number</b>	RTG2A1-1
<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>Entrez</b>	<b>35</b>
<b>Expiration Date</b>	12 months from date of receipt.



Flow cytometry surface nonspecific staining pattern of human peripheral whole blood stained using rat IgG2a Isotype control (RTG2A1-1) purified antibody (concentration in sample 3 µg/ml, DAR APC).

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