

## Product Datasheet

# Rat IgG2a isotype control Fluorescein Antibody (orb343817)

<b>Catalog Number</b>	orb343817
<b>Category</b>	Antibodies
<b>Description</b>	Rat IgG2a isotype control Fluorescein Antibody
<b>Isotype</b>	IgG2a
<b>Conjugation</b>	FITC
<b>Form/Appearance</b>	Liquid (sterile filtered)
<b>Concentration</b>	1.0 mg/mL
<b>Buffer/Preservatives</b>	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None
<b>Purity</b>	RAT IgG2a isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein G. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat IgG and anti-Rat serum. Isotyping assay resulted non-reactive with antisera to Rat IgG1, IgG2b, IgG3, IgM, and IgA. Fluorescein Conjugated Rat IgG2a confirmed by Dot Blot.
<b>Tested applications</b>	DOT, ELISA, FC
<b>Dilution range</b>	ELISA: 1:2000 - 1:20,000, FC: 1:1000-1:5000
<b>Application notes</b>	RAT IgG2a isotype control has been tested in dot blot and can be utilized as a control or standard reagent in Western Blotting, Flow Cytometry, and ELISA experiments where determination of sample isotype is important. Specific conditions should be optimized by user.
<b>Clone Number</b>	RG2a

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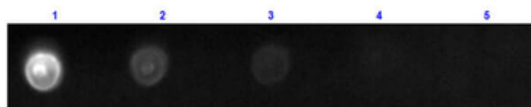
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<b>Source</b>	Rat
<b>Biological Origin</b>	Rat
<b>Storage</b>	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. DO NOT FREEZE. This product is light sensitive.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Dot Blot results of Rat IgG2a Isotype Control Fluorescein Conjugated. Antigen: Rat IgG2a Isotype Control FITC Conjugated. Blot loaded at 3 fold dilution: 1. 100 ng, 2. 33.3 ng, 3. 11.1 ng, 4. 3.70 ng, 5. 1.23 ng. Blocking: orb348637 Buffer for 30 minutes at RT.

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