

Product Datasheet

Rat IgG2a isotype control Fluorescein Antibody (orb343817)

Description	Rat IgG2a isotype control Fluorescein Antibody
Conjugation	FITC
Tested Applications	DOT, ELISA, FC
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Storage	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.
Note	For research use only
Application notes	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.
Isotype	IgG2a
Clone Number	RG2a
Purity	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.
Source	Rat

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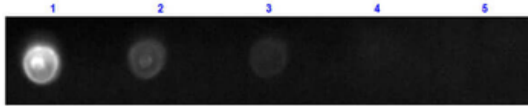
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Dilution Range ELISA: 1:2000 - 1:20,000, FC: 1:1000-1:5000

Expiration Date 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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