

Product Datasheet

Rat IgG2a isotype control Fluorescein Antibody (orb343817)

Catalog Number	orb343817
Category	Proteins
Description	Rat IgG2a isotype control Fluorescein Antibody
Isotype	IgG2a
Conjugation	FITC
Form/Appearance	Liquid (sterile filtered)
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None
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.
Tested applications	DOT, ELISA, FC
Dilution range	ELISA: 1:2000 - 1:20,000, FC: 1:1000-1:5000
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.
Source	Rat

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

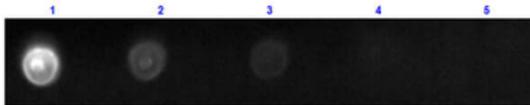
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biological Origin	Rat
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
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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