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## Product Datasheet

### Rat IgG2a isotype control Antibody (orb343805)

Evolution Bioproducts.  
**Description**

Rat IgG2a isotype control Antibody

**Conjugation**

Unconjugated

**Tested Applications**

ELISA, FC, FLISA, IF, SDS-PAGE, WB

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

0.91 mg/mL

**Storage**

Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

**Note**

For research use only

**Application notes**

RAT IgG2a isotype control has been tested in SDS-Page 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

**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 IgG1a, IgG1b, IgG3, IgM, and IgA. Light and heavy chain composition has been confirmed by SDS-PAGE.

**Source**

Rat

**Dilution Range**

ELISA: User Optimized, FLISA: User Optimized, FC: 1:1000-1:5000, IF: User Optimized, WB: User Optimized

**Expiration Date**

12 months from date of receipt.