

RAT IgG2a isotype control
Monoclonal RG2a IgG2a , Unconjugated
Catalog # ASR2532

Specification

RAT IgG2a isotype control - Product Information

Description	RAT IgG2a isotype control
Conjugate	Unconjugated
Clonality	Monoclonal
Application	,4,
Application Note	FlowCytometry 1:1000-1:5000
Physical State	Liquid (sterile filtered)
Host Isotype	IgG2a
Buffer	0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2
Species of Origin	Rat
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

RAT IgG2a isotype control - Additional Information

Shipping Condition

Wet Ice

Purity

RAT IgG2a isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein G. In an Ouchterlony double diffusion assay the material is non-reactive with antisera to rat IgG1a, IgG1b, IgG3 , IgM , and IgA. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat IgG and anti-Rat serum. Light and heavy chain composition has been confirmed.

Storage Condition

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.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

RAT IgG2a isotype control - Protein Information

RAT IgG2a isotype control - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RAT IgG2a isotype control - Images

RAT IgG2a isotype control - Background

RAT IgG2a isotype control is used in flow cytometry, western blot and ELISA and differentiate between immunoglobulin classes and subclasses. Isotype controls allow for the genetic variations or differences in the constant regions of the heavy and light chains. In Rat there are six relevant heavy chain isotypes and two light chain isotypes: heavy chain α - IgA, γ - IgG 1, 2a, 2b, 2c and μ - IgM, light chain κ and λ .