

RAT IgG1 isotype control Biotin
Monoclonal IgG1 , Biotin
Catalog # ASR1131**Specification**

RAT IgG1 isotype control Biotin - Product Information

Description	RAT IgG1 isotype control Biotin conjugated
Conjugate	Biotin
FP Value	2-8 moles Biotin per mole of Rat IgG1
Clonality	Monoclonal
Application	FC, E
Application Note	ELISA 1:2000-1:20,000;FlowCytometry 1:1000-1:5000
Physical State	Liquid (sterile filtered)
Host Isotype	IgG1
Species of Origin	Rat
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

RAT IgG1 isotype control Biotin - Additional Information**Shipping Condition**

Wet Ice

Purity

RAT IgG1 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 IgG2a, IgG2b, 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 for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. DO NOT FREEZE. This product is light sensitive.

Precautions Note

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

RAT IgG1 isotype control Biotin - Protein Information**RAT IgG1 isotype control Biotin - 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 IgG1 isotype control Biotin - Images

RAT IgG1 isotype control Biotin - Background

RAT IgG1 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 .