

RAT IgG1 isotype control Allophycocyanin
Monoclonal IgG1 , Allophycocyanine
Catalog # ASR3302**Specification**

RAT IgG1 isotype control Allophycocyanin - Product Information

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

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

RAT IgG1 isotype control Allophycocyanin - 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 .