

MOUSE IgG2a isotype control Allophycocyanin
Monoclonal IgG2a , Allophycocyanine
Catalog # ASR3322**Specification**

MOUSE IgG2a isotype control Allophycocyanin - Product Information

Description	MOUSE IgG2a isotype control Allophycocyanin Conjugated Allophycocyanine
Conjugate FP Value	1-2 moles Allophycocyanine per mole of Mouse IgG2a
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	IgG2a
Species of Origin	Mouse
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide

MOUSE IgG2a isotype control Allophycocyanin - Additional Information**Shipping Condition**

Wet Ice

Purity

Mouse Isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein A. In an Ouchterlony double diffusion assay the material is non-reactive with antisera to mouse IgG1, IgG2b , IgG3 , IgM, and IgA. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG and anti-Mouse 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.

MOUSE IgG2a isotype control Allophycocyanin - Protein Information**MOUSE IgG2a 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](#)

MOUSE IgG2a isotype control Allophycocyanin - Images

MOUSE IgG2a isotype control Allophycocyanin - Background

Mouse isotype controls are 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 mouse there are six relevant heavy chain isotypes and two light chain isotypes: heavy chain α - IgA, γ - IgG 1, 2a, 2b, 3 and μ - IgM, light chain κ and λ .