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MOUSE IgG2b isotype control Allophycocyanin

Monoclonal IgG2b , Allophycocyanine
Catalog # ASR3323

Specification

MOUSE IgG2b isotype control Allophycocyanin - Product Information

Description	**MOUSE IgG2b isotype control Allophycocyanin Conjugated**
Conjugate	**Allophycocyanine**
FP Value	**1-2 moles Allophycocyanine per mole of Mouse IgG2b**
Clonality	**Monoclonal**
Application	**,4,10,**
Application Note	**ELISA 1:2000-1:20,000;FlowCytometry 1:1000-1:5000**
Physical State	**Liquid (sterile filtered)**
Host Isotype	**IgG2b**
Species of Origin	**Mouse**
Stabilizer	**None**
Preservative	**0.01% (w/v) Sodium Azide**

MOUSE IgG2b 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, IgG2a, 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 IgG2b isotype control Allophycocyanin - Protein Information

MOUSE IgG2b 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 Cytomety
- Cell Culture

MOUSE IgG2b isotype control Allophycocyanin - Images

MOUSE IgG2b 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 a - IgA, ? - IgG 1, 2a, 2b, 3 and µ - IgM, light chain ? and ?.