

Mouse IgG2a isotype control Peroxidase
Monoclonal M2A IgG2a , Peroxidase (Horseradish)
Catalog # ASR1492

Specification

Mouse IgG2a isotype control Peroxidase - Product Information

Description	MOUSE IgG2a isotype control Peroxidase conjugated
Conjugate	Peroxidase (Horseradish)
Clonality	Monoclonal
Application	FC
Application Note	FlowCytometry 1:1000-1:5000
Physical State	Lyophilized
Host Isotype	IgG2a
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Species of Origin	Mouse
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Mouse IgG2a isotype control Peroxidase - Additional Information

Shipping Condition

Ambient

Purity

This product has been prepared from immunodeficient mouse ascites by protein A chromatography using specific conditions for subclass purification. Typically, less than 1% cross reactivity against other mouse and human heavy or light chains isotypes was detected by ELISA.

Storage Condition

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

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

Mouse IgG2a isotype control Peroxidase - Protein Information

Mouse IgG2a isotype control Peroxidase - 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 Peroxidase - Images

Mouse IgG2a isotype control Peroxidase - Background

Isotype controls are important for Flow Cytometry and have no specificity for target cells within a particular experiment. Their purpose is to confirm the specificity of primary antibody binding that it is not a result of non-specific Fc receptor binding to cells or other cellular protein interactions. Isotype controls need to be matched to the specific primary Abs (species and isotype, including heavy and light chains) being used.