

Mouse IgG1 isotype control Peroxidase

Monoclonal MG1 IgG1 , Peroxidase (Horseradish) Catalog # ASR1491

Product Information

Description MOUSE IgG1 isotype control Peroxidase conjugated

ConjugatePeroxidase (Horseradish)ClonalityMonoclonal MG1 IgG1

Physical State Lyophilized

Host Isotype IgG1

Buffer 0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2

Species of OriginMouseReconstitution Volume100 □

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!

Additional Information

Shipping Condition Ambient

Application Note Mouse IgG1 isotype control can be utilized as a control or standard reagent

in Flow cytometry, Western Blotting, and ELISA experiments where

determination of sample isotype is important.

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 NoteThis product is for research use only and is not intended for therapeutic or

diagnostic applications.

Background

Isotype control Mouse IgG1 is important for Flow Cytometry. Mouse IgG1 control has 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.