

**Mouse IgG1 Lambda ( $\lambda$ ) isotype Control**  
**Monoclonal MG1L IgG1 lambda , Unconjugated**  
**Catalog # ASR2266**

**Specification**

**Mouse IgG1 Lambda ( $\lambda$ ) isotype Control - Product Information**

Description	<b>MOUSE IgG1 Lambda (<math>\lambda</math>) isotype control Unconjugated Monoclonal</b>
Conjugate	<b>,4,</b>
Clonality	<b>FlowCytometry</b>
Application	<b>1:1000-1:5000</b>
Application Note	<b>Liquid (sterile filtered)</b>
Physical State	<b>IgG1</b>
Host Isotype	<b>0.02 M</b>
Buffer	<b>Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</b>
Species of Origin	<b>Mouse</b>
Stabilizer	<b>None</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**Mouse IgG1 Lambda ( $\lambda$ ) isotype Control - Background**

Secreted as part of the adaptive immune response by plasma B cells, mouse immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. IgG1 is the most abundant of the four IgG subclasses. This isotype control possesses lambda light chains.

**Mouse IgG1 Lambda ( $\lambda$ ) isotype Control - Additional Information**

**Shipping Condition**

Wet Ice

**Purity**

Mouse Isotype control has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein A. Mouse igG lambda isotype control is non-reactive with antisera to mouse IgG2a, IgG2b, IgG3 , IgM, and IgA. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Mouse IgG and anti-Mouse serum.

**Storage Condition**

Store vial at 4° C prior to opening. Mouse IgG1 Lambda isotype control is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot

contents and freeze at -20° C or below.  
Avoid cycles of freezing and thawing.

**Precautions Note**

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

**Mouse IgG1 Lambda ( $\lambda$ ) isotype Control - Protein Information****Mouse IgG1 Lambda ( $\lambda$ ) isotype Control - 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](#)