

Product Datasheet

Rat IgG2a Lambda Isotype Control (RG2aL) NBP2-31382

Unit Size: 0.5 mg

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

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NBP2-31382**Rat IgG2a Lambda Isotype Control (RG2aL)**

Product Information	
Unit Size	0.5 mg
Concentration	Please contact technical services for concentration.
Storage	Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.
Clonality	Monoclonal
Clone	RG2aL
Preservative	0.01% Sodium Azide
Isotype	IgG2a Lambda
Purity	Protein G purified
Buffer	0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This antibody has been prepared from concentrated cell culture supernatant by immunoaffinity chromatography using protein G. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat IgG1 and anti-Rat serum. Isotyping assay resulted non-reactive with antisera to Rat IgG1a, IgG1b, IgG3, IgM, and IgA. Light and heavy chain composition has been confirmed by SDS-PAGE.</p> <p>Store vial at 4C prior to opening. This product is stable 4C 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 -20C or below. Avoid cycles of freezing and thawing.</p>
Host	Rat
Species	Rat
Specificity/Sensitivity	Isotyping assay resulted non-reactive with antisera to Rat IgG1a, IgG1b, IgG3, IgM, and IgA
Product Application Details	
Applications	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:1000 - 1:5000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Fluorophore-linked immunosorbent assay 1:100 - 1:2000
Application Notes	This product has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting, Flow Cytometry, and ELISA experiments where determination of sample isotype is important. Specific conditions should be optimized by user.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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