

# Product Datasheet

## Rat IgG2c Kappa Isotype Control (RG2cK) NBP2-31387

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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**NBP2-31387****Rat IgG2c Kappa Isotype Control (RG2cK)**

<b>Product Information</b>	
<b>Unit Size</b>	0.5 mg
<b>Concentration</b>	Please contact technical services for concentration.
<b>Storage</b>	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.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	RG2cK
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG2c Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.5 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Description</b>	<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 IgG and anti-Rat serum. Isotyping assay resulted non-reactive with antisera to Rat IgG1a, IgG1b, IgG3, IgM, and IgA. Allophycocyanin Conjugated Rat IgG2c confirmed by Dot Blot.</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>
<b>Host</b>	Rat
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	Isotyping assay resulted non-reactive with antisera to Rat IgG1a, IgG1b, IgG3, IgM, and IgA
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	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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