

# Product Datasheet

## Rat IgG Fc Isotype Control [FITC] NBP1-97254

Unit Size: 1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NBP1-97254**

Rat IgG Fc Isotype Control [FITC]

Product Information	
<b>Unit Size</b>	1 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
<b>Preservative</b>	0.01% Sodium Azide
<b>Reconstitution Instructions</b>	Reconstitute with 1.0 ml deionized water (or equivalent).
<b>Isotype</b>	IgG
<b>Conjugate</b>	FITC
<b>Purity</b>	Multi-step
<b>Buffer</b>	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

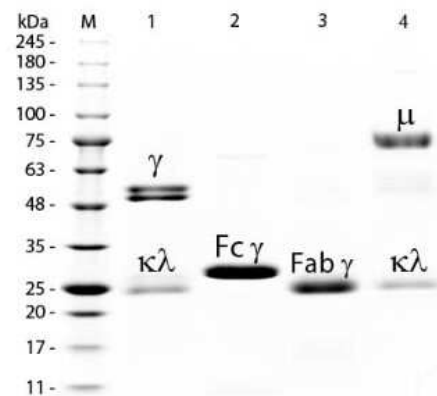
Product Description	
<b>Description</b>	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from normal serum by delipidation, salt fractionation and ion change chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rat IgG, anti-Rat IgG F(c) and anti-Rat Serum</p>
<b>Host</b>	Rat
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	No reaction was observed against anti-Rat IgG F(ab') <sub>2</sub> or anti-Papain.

Product Application Details	
<b>Applications</b>	SDS-Page
<b>Recommended Dilutions</b>	SDS-Page 1:100 - 1:2000
<b>Application Notes</b>	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.



**Images**

SDS-Page: Rat IgG Fc Isotype Control [Fluorescein] [NBP1-97254] -  
Lane M: 3 uL Opal Prestained Marker. Lane 1: Reduced Rat IgG Whole  
Molecule. Lane 2: Reduced Rat IgG F(c) Fragment Fluorescein  
Conjugated. Lane 3: Reduced Rat IgG Fab Fragment. Lane 4: Reduced  
Rat IgM Whole Molecule. Load: 1 ug of IgG, F(c), Fab; 1.5 ug of IgM.





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### **Products Related to NBP1-97254**

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NB7446	Goat anti-Human IgG Fc Secondary Antibody
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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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