

# Product Datasheet

## Rabbit anti-Rat IgG F(ab')2 Secondary Antibody [Rhodamine] **NBP1-73262**

Unit Size: 2 mg

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

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**NBP1-73262**

## Rabbit anti-Rat IgG F(ab')2 Secondary Antibody [Rhodamine]

**Product Information**

<b>Unit Size</b>	2 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>Clonality</b>	Polyclonal
<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>	Rhodamine
<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>Host</b>	Rabbit
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	No reaction was observed against Rat IgG F(c).
<b>Immunogen</b>	Rat IgG F(ab')2 fragment
<b>Notes</b>	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Rat IgG, Rat IgG F(ab')2 and Rat Serum</p> <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>

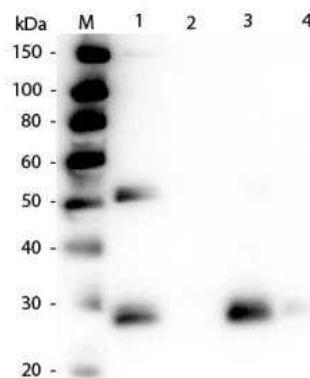
**Product Application Details**

<b>Applications</b>	Western Blot, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry 1:500 - 1:2500, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000, Fluorophore-linked immunosorbent assay 1:10000 - 1:50000
<b>Application Notes</b>	This secondary antibody 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

Western Blot: Rabbit F(ab')2 anti-Rat IgG Secondary Antibody [Rhodamine] [NBP1-73262] - Lane 1: Rat IgG whole molecule. Lane 2: Rat IgG F(c) Fragment. Lane 3: Rat IgG Fab Fragment. Lane 4: Rat IgM Whole Molecule. All samples were reduced. Load: 50 ng per lane. Block: incubated with blocking buffer for 30 min at RT. Primary Antibody: Anti-Rat IgG F(ab')2 (RABBIT) Antibody 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Rabbit IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in incubated with blocking buffer for 30 min at RT.

Predicted/Observed Size: 25 and 55 kDa for Rat IgG, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.





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## Limitations

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

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