

Product Datasheet

Rabbit anti-Rat IgG F(ab')₂ Secondary Antibody [Texas Red] NBP1-73548

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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NBP1-73548**Rabbit anti-Rat IgG F(ab')₂ Secondary Antibody [Texas Red]**

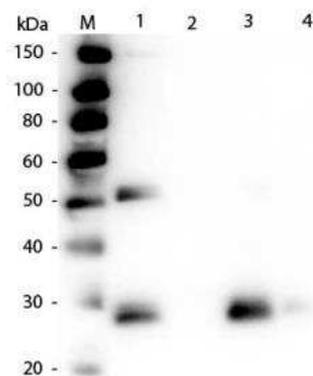
Product Information	
Unit Size	2 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Conjugate	Texas Red
Purity	Multi-step
Buffer	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	
Host	Rabbit
Species	Rat
Specificity/Sensitivity	No reaction was observed against Rat IgG F(c).
Immunogen	Rat IgG F(ab') ₂ fragment
Notes	<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	
Applications	Western Blot, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry 1:500 - 1:2500, Immunocytochemistry/ Immunofluorescence 1:1000 - 1:5000, Fluorophore-linked immunosorbent assay 1:10000 - 1:50000
Application Notes	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 [Texas Red] [NBP1-73548] - 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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