

# Product Datasheet

## Goat anti-Rat IgG (H+L) Secondary Antibody [Biotin] NB120-6844

Unit Size: 1 mg

Store at -20C in the dark. Avoid freeze-thaw cycles.

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**NB120-6844**

Goat anti-Rat IgG (H+L) Secondary Antibody [Biotin]

**Product Information**

<b>Unit Size</b>	1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C in the dark. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Biotin
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	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**

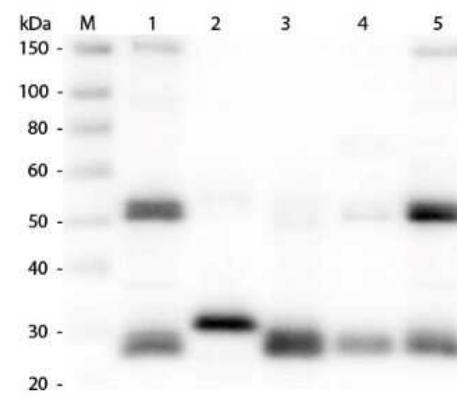
<b>Host</b>	Goat
<b>Species</b>	Rat
<b>Immunogen</b>	Rat IgG whole molecule
<b>Notes</b>	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Rat IgG 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**

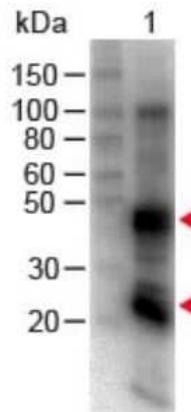
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000
<b>Application Notes</b>	This secondary antibody has been assayed against 1.0 ug of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:100,000 to 1:500,000 is suggested for this product. Optimal concentrations in immunoassays should be determined by the researcher.

## Images

Western Blot: Goat anti-Rat IgG (H+L) Secondary Antibody [Biotin] [NB120-6844] - Western Blot Goat anti-Rat IgG (H+L) Secondary Antibody [Biotin]



Western Blot: Goat anti-Rat IgG (H+L) Secondary Antibody [Biotin] [NB120-6844] - Lane 1: Rat IgG. Load: 100 ng per lane. Primary antibody: Rat IgG (H&L) Antibody Biotin Conjugated at 1:1000 for 60 min RT. Secondary antibody: HRP Conjugated Streptavidin at 1:40,000 for 30 min at RT. Block: incubated with blocking buffer for 30 min at RT.





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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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