

# Product Datasheet

## Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed) NB7584

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB7584**

Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed)

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Multi-step
Buffer	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	
Description	<p>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</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep 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-biotin, anti-Rabbit Serum, Sheep IgG and Sheep Serum</p>
Host	Rabbit
Species	Sheep
Specificity/Sensitivity	<p>This antibody was pre-adsorbed against Human Serum Proteins.</p> <p>No reaction was observed against Human Serum Proteins.</p>
Immunogen	Sheep IgG whole molecule

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Immunohistochemistry-Paraffin 1:500-1:1000, Dot Blot
Application Notes	This product has been tested by ELISA and Dot Blot and is suitable for western blot, ELISA and immunohistochemistry as well as other antibody based assays requiring lot-to-lot consistency.



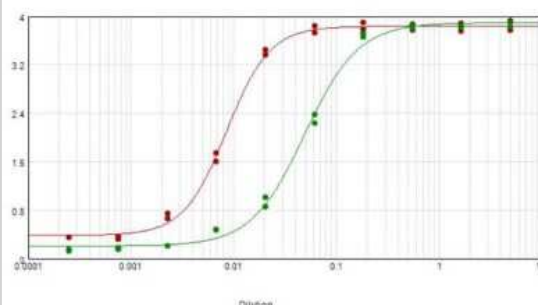
## Images

Dot Blot: Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed) [NB7584] - Dot Bot of Rabbit anti-Sheep IgG (H+L) Secondary antibody [Biotin] (Pre-adsorbed). Lane 1: 100ng. Lane 2: 33.3ng. Lane 3: 11.1ng. Lane 4: 3.7ng. Lane 5: 1.23ng. Primary Antibody: Rb-anti-sheep Biotin at 1ug/mL. Secondary Antibody: Streptavidin HRP at 1:40,000. Blocking Buffer for 30 min at RT.

100ng 33.3ng 11.1ng 3.70ng 1.23ng



ELISA: Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed) [NB7584] - ELISA results of purified Rabbit anti-Sheep IgG (H+L) Secondary antibody [Biotin] (Pre-adsorbed) antibody Min X human serum tested against purified Sheep IgG. Each well was coated in duplicate with 1.0 ug of sheep IgG (red line). The starting dilution of antibody was 5ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using Blocking buffer, Streptavidin HRP conjugate 1:10, 000, and TMB substrate.



Dot Bot of Rabbit anti-Sheep IgG (H+L) Secondary Antibody [Biotin] (Pre-adsorbed). Lane 1: 100ng. Lane 2: 33.3ng. Lane 3: 11.1ng. Lane 4: 3.7ng. Lane 5: 1.23ng. Primary Antibody: Rb-anti-sheep Biotin at 1ug/mL. Secondary Antibody: Streptavidin HRP S000-03 at 1:40,000. Blocking Buffer: BlockOut for 30 min at RT.

100ng 33.3ng 11.1ng 3.70ng 1.23ng





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### **Products Related to NB7584**

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NBP2-29370	Streptavidin Native Protein
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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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