

Product Datasheet

Streptavidin Antibody [Biotin] NB120-7241-0.1mg

Unit Size: 0.1 mg

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

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Updated 9/26/2022 v.20.1

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NB120-7241-0.1mg

Streptavidin Antibody [Biotin]

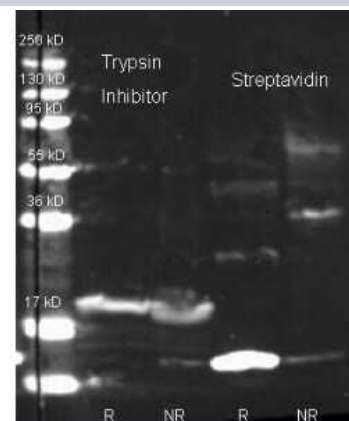
Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	Biotin
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	Bacterial
Reactivity Notes	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum as well as purified and partially purified Streptavidin [Streptomyces avidinii].
Specificity/Sensitivity	No cross reactivity occurs against avidin.
Immunogen	Streptavidin [Streptomyces avidinii]
Notes	<p>Streptavidin Antibody Biotin Conjugated was prepared from monospecific antiserum by delipidation, defibrination, salt fractionation and ion exchange chromatography. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum and Streptavidin</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>

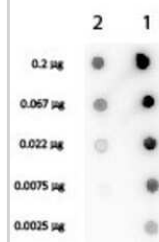
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:2000-1:20000, Dot Blot
Application Notes	This antibody has been assayed by ELISA for the detection of streptavidin in a standard ELISA using Peroxidase as a reporter. A working dilution of 1:10,000 to 1:400,000 of the reconstitution concentration is suggested for this product. Optimization of the concentration in immunoassays should be performed by the researcher.

Images

Western Blot: Streptavidin Antibody [Biotin] [NB120-7241] - Lane 1: Trypsin Inhibitor reduced. Lane 2: Trypsin Inhibitor non-reduced. Lane 3: Streptavidin reduced. Lane 4: Streptavidin non-reduced. Load: ~1ug per lane. Primary antibody: Primary antibody at 1:1000 for overnight at 4C. Secondary antibody: Dylight 649 conjugated Donkey anti rabbit secondary antibody at 1:10,000 for 45 min at RT. Block overnight at 4C. Predicted/Observed size: 18.8 kDa, ~15 kDa for Streptavidin, 24 kDa, ~20 kDa for Trypsin Inhibitor.



Western Blot: Streptavidin Antibody [Biotin] [NB120-7241] - Streptavidin Biotin Conjugated Antigen: Lane 1 - Biotin conjugated Streptavidin Antibody Lane 2 - Streptavidin Antibody Load: 3-fold serial dilution starting at 200 ng Secondary antibody: HRP Streptavidin at 1:40,000 for 60 min at





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Limitations

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

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