

Product Datasheet

Streptavidin Antibody [Texas Red] NB120-7240-100ug

Unit Size: 100 ug

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

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NB120-7240-100ug

Streptavidin Antibody [Texas Red]

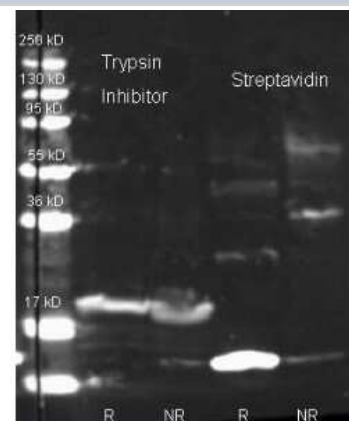
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	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	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 Texas Red(TM) Conjugated was prepared from monospecific antiserum by delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against 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>

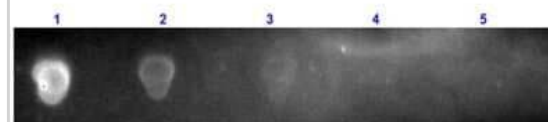
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:100 - 1:2000, ELISA 1:100-1:2000, Immunocytochemistry/Immunofluorescence 1:500-1:2500, Dot Blot, Fluorophore-linked immunosorbent assay 1:100 - 1:2000
Application Notes	Streptavidin Antibody Texas Red(TM) Conjugated antibodies are 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: Streptavidin Antibody [Texas Red] [NB120-7240] - Streptavidin antibody [Texas Red] and Biotin conjugated Rabbit anti-trypsin inhibitor antibody were used to detect target proteins Trypsin Inhibitor (left) and Streptavidin (right) under reducing (R) and non-reducing (NR) conditions. Reduced samples of purified target proteins contained 4% BME and were boiled for 5 minutes. Samples of ~1ug of protein per lane were run by SDS-PAGE. Protein was transferred to nitrocellulose and probed with 1:1000 dilution of primary antibody (ON 4 C). Detection shown was using Dylight 649 conjugated Donkey anti rabbit (RT in blocking buffer) and imaged on the VersaDoc System



Dot Blot: Streptavidin Antibody [Texas Red] [NB120-7240]





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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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