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Anti-STREPTAVIDIN (RABBIT) Antibody Biotin Conjugated (BULK ORDER)

Streptavidin Antibody Biotin Conjugated
Catalog # ASR5943

Specification

Anti-STREPTAVIDIN (RABBIT) Antibody Biotin Conjugated (BULK ORDER) - Product Information

Host	**Rabbit**
Conjugate	**Biotin**
Clonality	**Polyclonal**
Application	**E, I, LCI**
Application Note	**Biotin Conjugated Anti-Streptavidin Antibody has been tested by dot blot and is suitable to be 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.**
Physical State	**Lyophilized**
Buffer	**0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2**
Immunogen	**Streptavidin (Streptomyces avidinii)**
Reconstitution Volume	**1.0 mL**
Reconstitution Buffer	**Restore with deionized water (or equivalent)**
Stabilizer	**10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free**
Preservative	**0.01% (w/v) Sodium Azide**

Anti-STREPTAVIDIN (RABBIT) Antibody Biotin Conjugated (BULK ORDER) - Additional Information

Purity
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. No reaction was observed against Avidin.

Storage Condition
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

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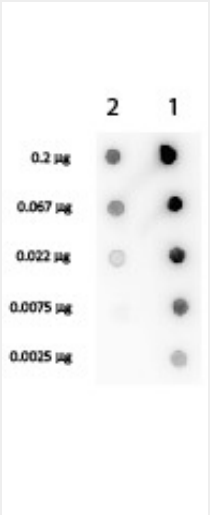
Anti-STREPTAVIDIN (RABBIT) Antibody Biotin Conjugated (BULK ORDER) - Protein Information

Anti-STREPTAVIDIN (RABBIT) Antibody Biotin Conjugated (BULK ORDER) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-STREPTAVIDIN (RABBIT) Antibody Biotin Conjugated (BULK ORDER) - Images



Dot Blot of Rabbit anti-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 RT. Block: 1% BSA-TTBS 30 min at RT.

Anti-STREPTAVIDIN (RABBIT) Antibody Biotin Conjugated (BULK ORDER) - Background

Anti-Streptavidin Antibody is Biotin Conjugated and detects streptavidin. Biotin is widely used throughout the biotechnology industry to conjugate proteins for biochemical assays. Biotin's small size typically does not affect the biological activity of protein upon biotinylation. Streptavidin and avidin bind biotin with high affinity (Kd of 10−14 mol/l to 10−15 mol/l) and thus biotinylated proteins of interest can be enriched from a sample due to this highly stable interaction. Biotin conjugated anti-streptavidins are used as an amplifying reagent in immunohistochemistry, microarray assays, ELISAs, blots, and other applications. This antibody reagent can bind to streptavidin through the antibody F(ab) or can be bound by streptavidin through the high affinity biotin-streptavidin interaction.