

Datasheet for ABIN5596792

anti-Streptavidin antibody (FITC)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Streptavidin
Reactivity:	Streptomyces avidinii
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Streptavidin antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Streptavidin (Streptomyces avidinii) Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity (Details):	No reaction was observed against Avidin.
Purification:	Anti-Streptavidin is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes 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.
Labeling Ratio:	2.3

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	<p>Synonyms: FITC, Streptavidin Fluorescein, Anti-Streptavidin FITC antibody</p> <p>Background: Anti-Streptavidin Fluorescein is 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.</p>

Application Details

Application Notes:	<p>Flow Cytometry Dilution: User Optimized</p> <p>Application Note: Suitable for immunomicroscopy, FLISA, fluorescent WB, flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.</p> <p>FLISA Dilution: User Optimized</p> <p>IF Microscopy Dilution: 1:500-1:2,500</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 100 µL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	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

Handling

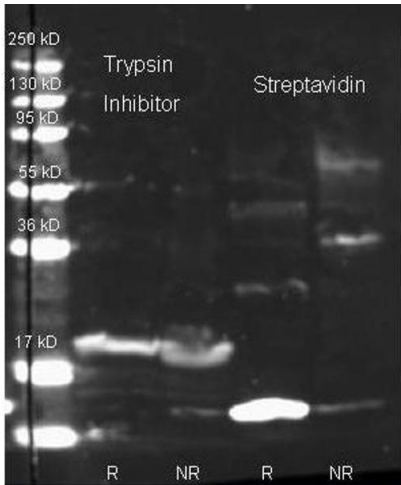
liquid. Dilute only prior to immediate use.

Expiry Date: 12 months

Publications

Product cited in: Jackson-Thompson, Kim, Jaiswal, Scott, Jones, Morris, Fite, Laurie, Hoy, Dardzinski, Mitre: "Brugia malayi infection in ferrets - A small mammal model of lymphatic filariasis." in: **PLoS neglected tropical diseases**, Vol. 12, Issue 3, pp. e0006334, (2018) ([PubMed](#)).

Images



Western Blotting

Image 1. Rabbit anti Streptavidin (200-4195 lot 23495) and Biotin conjugated Rabbit anti-trypsin inhibitor antibody (200-4679 lot 6594) 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 (611-743-127 lot 20831 1:10K 1.5 hr RT in ABIN925618) and imaged on the BioRad VersaDoc System