



[Go to Product page](#)

Datasheet for ABIN1045077

Streptavidin Protein (Atto 425)

2 Images

Overview

Quantity:	500 µg
Target:	Streptavidin
Origin:	Streptomyces avidinii
Host:	Please inquire
Purification tag / Conjugate:	This Streptavidin protein is labelled with Atto 425.

Product Details

Specificity: STREPTAVIDIN ATTO 425 was prepared from chromatographically purified Streptavidin. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Streptavidin. No reaction was observed against anti-Avidin.

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	STREPTAVIDIN ATTO 425 is designed for STED microscopy, FRET, 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. Synonyms: AT425, ATTO 425, ATTO-TEC 425, STREPTAVIDIN ATTO 425 Conjugated

Application Details

Application Notes: The emission spectra for this ATTO conjugate matches the principle output wavelengths of

Application Details

most common fluorescence instrumentation.

Comment: The emission spectra for this ATTO conjugate matches the principle output wavelengths of most common fluorescence instrumentation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 500 μ L

Concentration: 1.0 mg/mL

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

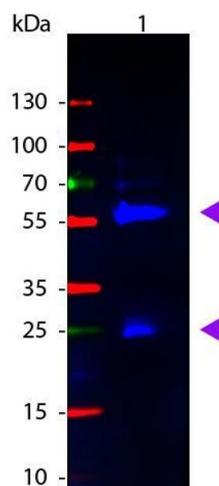
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

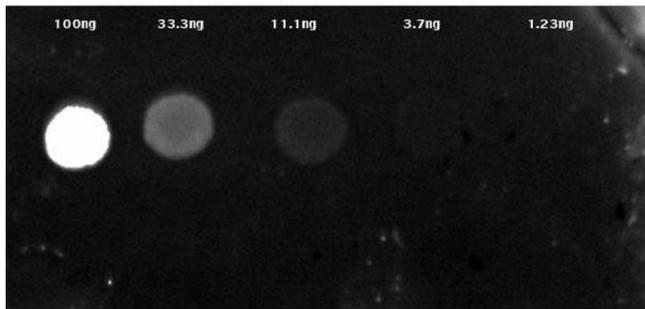
Expiry Date: 12 months

Images



Western Blotting

Image 1. Western Blot of Atto 425 Conjugated Streptavidin. Lane 1: Biotin conjugated Guinea Pig IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Atto 425 Conjugated Streptavidin at 1:1,1000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 28 & 55 kDa, 28 & 55 kDa for Guinea Pig IgG. Other band(s): None.



Dot Blot

Image 2. Dot Blot results of Streptavidin ATTO 425 Conjugate. Dots are Biotin: (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: none. Secondary Antibody: Streptavidin ATTO 425 Conjugate at 1 μ g/mL in ABIN925618 for 1hr at RT. Imaged with BioRad ChemiDoc, CY2 filter.