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Datasheet for ABIN1045081

## Streptavidin Protein (Atto 594)

### 1 Image

#### Overview

Quantity:	500 µg
Target:	Streptavidin
Origin:	Streptomyces avidinii
Host:	Please inquire
Purification tag / Conjugate:	This Streptavidin protein is labelled with Atto 594.

#### Product Details

**Specificity:** STREPTAVIDIN ATTO 594 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:	<a href="#">Streptavidin Products</a>
Background:	STREPTAVIDIN ATTO 594 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: AT594, ATTO 594, ATTO-TEC 594, STREPTAVIDIN ATTO 594 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  $\mu$ 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

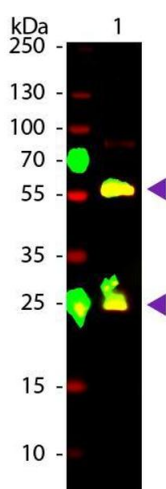
Preservative: Sodium azide

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 594 Conjugated Streptavidin. Lane 1: Biotin conjugated Guinea Pig IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Atto 594 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): Guinea Pig IgG splice variants and isoforms.