

Datasheet for ABIN916769

anti-Streptavidin antibody (Cy3)**2** Publications[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Streptavidin
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Streptavidin antibody is conjugated to Cy3
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Recombinant Streptavidin
Isotype:	IgG
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Streptavidin
Purification:	Purified by Protein A.

Target Details

Target:	Streptavidin
Abstract:	Streptavidin Products
Background:	Synonyms: SA protein, SA V1, SA V2, Streptavidin V1, Streptavidin V2, SAV1_STRVL.

Target Details

Background: Streptavidin is biotin-binding protein that was originally isolated from *Streptomyces avidinii*. In contrast to avidin, streptavidin has no carbohydrate and has a mildly acidic pI of 5. Streptavidin products use a recombinant form of streptavidin having a mass of 53,000 daltons and a near-neutral pI. Streptavidin is a tetrameric protein, with each subunit binding one molecule of biotin with affinity similar to that of avidin. Guanidinium chloride will dissociate avidin and streptavidin into subunits, but streptavidin is more resistant to dissociation.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Fang, Pan, Lin, Zhang, Rauvala, Schachner, Shen: "HMGB1 contributes to regeneration after spinal cord injury in adult zebrafish." in: **Molecular neurobiology**, Vol. 49, Issue 1, pp. 472-83, (2014) ([PubMed](#)).

Pan, Lin, Ma, Shen, Schachner: "Major vault protein promotes locomotor recovery and

regeneration after spinal cord injury in adult zebrafish." in: **The European journal of neuroscience**, Vol. 37, Issue 2, pp. 203-11, (2013) ([PubMed](#)).