

Product datasheet

Recombinant Streptavidin protein (Cy5 ®) ab279319

[2 Images](#)

Description

Product name	Recombinant Streptavidin protein (Cy5 ®)
Purity	> 90 % SDS-PAGE. NULL
Expression system	Escherichia coli
Accession	<u>P22629</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Streptomyces avidinii
Predicted molecular weight	19 kDa
Actual molecular weight	60 kDa
Conjugation	Cy5 ®. Ex: 650nm, Em: 667nm

Specifications

Our **Abpromise guarantee** covers the use of **ab279319** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Flow Cytometry
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C. Store In the Dark. pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 99% PBS
------------------------------	--

General Info

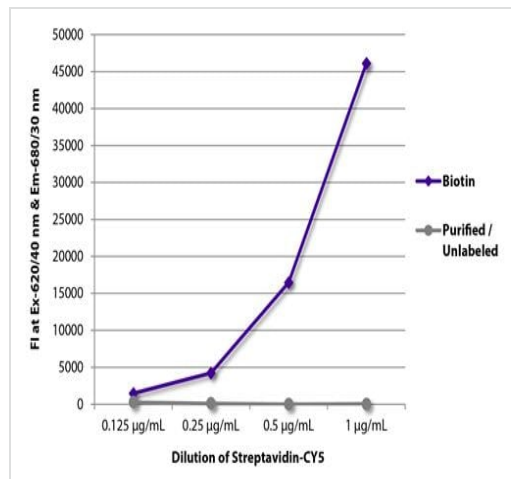
Relevance

Streptavidin is a tetrameric protein purified from *Streptomyces* sp. that binds very tightly to the vitamin biotin with a K_d of ~ 10-14 mol/l. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits.

Cellular localization

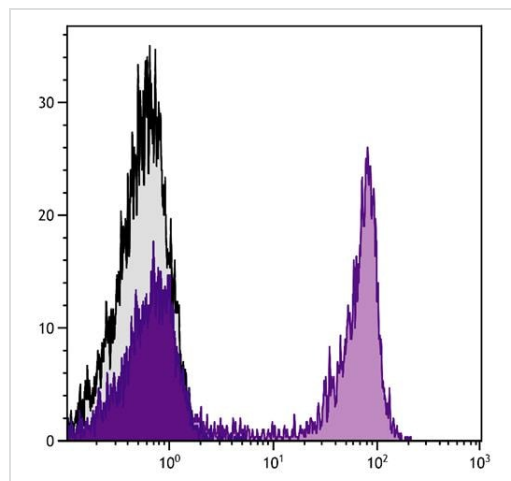
Cytoplasmic

Images



ELISA - Recombinant Streptavidin protein (Cy5®) (ab279319)

FLISA plate was coated with Goat Anti-Human IgG-Biotin and purified/unlabeled Rat IgG1κ. Biotin conjugated antibody and purified immunoglobulin were detected with serially diluted ab279319.



Flow Cytometry - Recombinant Streptavidin protein (Cy5®) (ab279319)

BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-Biotin followed by ab279319.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors