

## Product datasheet

# Recombinant Streptavidin protein (APC/Cy7®) ab279322

[1 Image](#)

### Description

<b>Product name</b>	Recombinant Streptavidin protein (APC/Cy7®)
<b>Purity</b>	> 90 % SDS-PAGE. NULL
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P22629</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Streptomyces avidinii
<b>Predicted molecular weight</b>	19 kDa
<b>Actual molecular weight</b>	60 kDa
<b>Conjugation</b>	APC/Cy7®. Ex: 650nm, Em: 774nm

### Specifications

Our **Abpromise guarantee** covers the use of **ab279322** in the following tested applications.

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

<b>Applications</b>	Flow Cytometry
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.  pH: 7.10 Preservative: 0.1% Sodium azide Constituent: 99% PBS  plus a stabilizer
------------------------------	---

## General Info

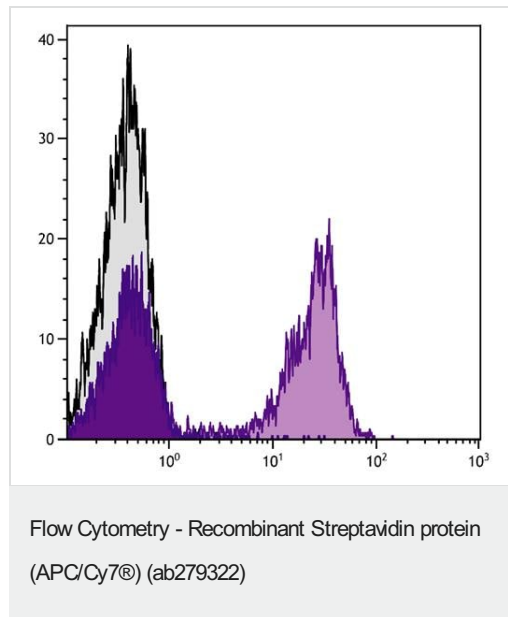
### Relevance

Streptavidin is a tetrameric protein purified from *Streptomyces* sp. that binds very tightly to the vitamin biotin with a  $K_d$  of  $\sim 10^{-14}$  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



BALB/c mouse splenocytes were stained with Rat Anti-Mouse CD45R-Biotin followed by ab279322.

**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