

Datasheet: STAR119

Description:	STREPTAVIDIN:APC
Name:	STREPTAVIDIN
Format:	APC
Product Type:	Accessory Reagent
Quantity:	100 TESTS

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Product Form	Streptavidin conjugated to Allophycocyanin - lyophilised		
Reconstitution	Reconstitute with 1ml distilled water		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	APC	650	661

Preparation Pure Streptavidin is reacted with Succinimidyl 4- (N-maleimido-methyl) cyclohexane - 1-carboxylate (SMCC). Allophycocyanin is reacted with N-succinimidyl 3-(2 - pyridyldithio) propionate (SPDP) and activated by reduction with dithiothreitol. The two substituted proteins are reacted together to give covalent conjugates, which are selected by medium pressure liquid chromatography on gel filtration columns of AcA34 ultrogel.

Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
	5% Sucrose

Product Information **APC conjugated Streptavidin** is designed as a secondary reagent for use in flow cytometry in conjunction with biotinylated primary antibodies.

APC conjugated Streptavidin conjugates show negligible non-specific binding to non-biotinylated macromolecules, and therefore gives very low backgrounds.

Flow Cytometry Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

Storage Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10224 available at:
10224: <https://www.bio-rad-antibodies.com/uploads/MSDS/10224.pdf>

Regulatory For research purposes only

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M372149:200625'

Printed on 29 Aug 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)