



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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<b>Product Number</b>	OORA00136
<b>Product Page</b>	<a href="http://www.avivasysbio.com/streptavidin-fluorescein-conjugated-ooa00136.html">www.avivasysbio.com/streptavidin-fluorescein-conjugated-ooa00136.html</a>
<b>Name</b>	STREPTAVIDIN Fluorescein Conjugated (OORA00136)
<b>Molecular Weight</b>	390
<b>Conjugation</b>	FITC
<b>Concentration</b>	1 mg/ml
<b>Alias Symbols</b>	FITC
<b>Product Format</b>	<b>Lyophilized</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride (pH 7.2) with 10 mg/ml BSA (Immunoglobulin & Protease free) with 0.01% (w/v) sodium azide
<b>Description of Target</b>	Streptavidin is isolated from bacteria, <i>Streptomyces avidinii</i> , and has an exceptionally high binding affinity for B7 (biotin). Rockland offers streptavidin in unconjugated and conjugated forms for common immunoassays including ELISA, western blotting, immunohistochemistry. Streptavidin is a tetrameric protein capable of binding 4 biotin groups to each molecule of streptavidin. While streptavidin has identical binding properties as avidin, it lacks the glycoprotein portion of the molecule and therefore shows less non-specific binding. Streptavidin is a slightly smaller molecule with a molecular weight of approximately 53.6 kDa. The sequence of avidin only shows 30% homology with streptavidin, and anti-avidin and anti-streptavidin antibodies are not immunologically cross reactive. Rockland conjugates a broad group of secondary antibodies to many of the classic fluorescent markers including fluorescein, rhodamine, Texas Red, and Phycoerythrin (RPE). All of the conjugates are ideal for various immunofluorescence based assays including fluorescent western blotting, immunofluorescence microscopy, FLISA, and more. Rockland also produces many next generation fluorochrome dyes designed for detection of primary antibodies in multiplex, multi-color analysis.
<b>Reconstitution and Storage</b>	Restore with 1.0 ml deionized water (or equivalent). Store vial at 4°C prior to restoration. For extended storage, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. Expiration is one (1) year from date of receipt.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">OORA00136</a>
<b>Specificity</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Streptavidin.
<b>Additional Information</b>	<b>Excitation/Emission Wavelengths:</b> 495-528nm <b>F/P Ratio:</b> 2.2 moles FITC per mole of <b>Conjugation Chemistry:</b> Isothiocyanate
<b>Application Info</b>	<b>IF:</b> 1:1000~5000 <b>FLISA:</b> 1:10000~50000.
<b>Purification</b>	This product was prepared from chromatographically pure Streptavidin.
<b>Predicted Species Reactivity</b>	Streptavidin
<b>Application</b>	DB, ICC, IF, WB

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.