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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Streptavidin (FITC)

Cat No. GTX30950

Application ICC/IF, FACS

Package

1 mg

PRODUCT

Product Description

Streptavidin is a 55 kDa (subunit MW 14 kDa) biotin-binding protein isolated from *Streptomyces avidini*. Streptavidin is superior to avidin, because it does not contain carbohydrate like avidin and has no net charge at neutral pH. Streptavidin~biotin system is routinely used in Immunohistochemistry (IHC). Extinction Coefficient 1% A280=32.0. Protein content: > 95%. One mg of Streptavidin is conjugated with FITC, unconjugated Streptavidin is removed. This conjugate of streptavidin is recommended for use with Biotin~conjugated antibodies. Avidin~Biotin conjugated reagents are stable, sensitive and give less background. Fluorophore: Fluorescein isothiocyanate A max=492nm; E=520nm; Fluorophore/Protein: A492nm/A280nm=~1

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution

Dilution

ICC/IF Assay dependent

FACS Assay dependent

Not tested in other applications.

PROPERTIES

Form Liquid

Buffer 10 mM phosphate, 150 mM NaCl (pH 7.4), BSA 10 mg/ml and 0.05% sodium azide.

Storage Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4° C. Protect from light.

Concentration 1 mg/ml (Please refer to the vial label for the specific concentration.)

Conjugation Fluorescein isothiocyanate (FITC)

Note For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).