

Streptavidin (TxRd)

Cat. No. GTX85907

Applications ICC/IF, FCM

References (1)

Package

500 μ l

PRODUCT

Summary 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%; Texas Red: A max. 596 nm; E max. 620 nm. Fluorochrome / protein Absorbance ratio: A596 nm/ A280 nm.

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ICC/IF | Assay dependent |
| FCM | Assay dependent |

Not tested in other applications.

Properties

| | |
|----------------------|---|
| Form | Liquid |
| Buffer | 10mM Phosphate, 150mM NaCl, 1% BSA |
| Preservative | 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 | Texas Red (TxRd) Wavelength |

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

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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