

Product Information

Streptavidin-R-Phycoerythrin

Catalog Number **S3402**

Product Description

Streptavidin is isolated from *Streptomyces avidinii* by affinity purification. Purified streptavidin is covalently conjugated to R-Phycoerythrin (PE) by modification of the method of Southwick.¹

The conjugate is reactive with antiserum to streptavidin but not with antiserum to avidin, by immunoelectrophoresis (IEP).

Streptavidin-PE may be used in conjunction with biotinylated reagents in an avidin/biotin labeling system in flow cytometry.

Reagents

Supplied as a solution in 0.01 M phosphate buffered saline, pH 7.4, containing 1% BSA and 15 mM sodium azide as a preservative.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store at 2-8 °C. Protect from prolonged exposure to light.

Product Profile

Immunohistochemistry: a working concentration of 5 µg/ml is determined using formalin-fixed, paraffin-embedded human appendix or human tonsil tissue.

A₅₆₇/A₂₈₀: 1 to 4

Note: In order to obtain best results in different preparations and techniques, it is recommended that each individual user determine their optimum working dilution by titration assay.

References

1. Southwick, P. L., et al., *Cytometry*, **11**, 418 (1990).

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