



Streptavidin, Texas Red™

SA-5006-1

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Short Description

Texas Red Streptavidin is a highly fluorescent conjugate of streptavidin and sulforhodamine 101. It can be used to detect biotinylated secondary antibodies and other macromolecules in applications such as immunofluorescence, in situ hybridization, or flow cytometry.

Features:

- Highly purified and possesses very low non-specific binding properties
- Has a high fluorochrome to protein ratio
- Compared to conventional primary and secondary fluorescent techniques, can provide greater sensitivity and lower background staining
- Excitation maximum: 595 nm
- Emission maximum: 615 nm
- Color: Red

Additional Information

Unit Size	1 mg
Applications	Immunofluorescence, In situ hybridization, Flow Cytometry/Cell Separation
Recommended Usage	The recommended concentration range for use is 5-30 µg/ml.
Solution	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide
Maximum Excitation	595-604 nm
Maximum Emission	606-615 nm
Recommended Storage	2-8 °C
Concentration	1.0 mg/ml active conjugate
Conjugate	Texas Red
Color of Fluorescence	Red
Format	Concentrate

