

Streptavidin Secondary Antibody

Streptavidin, conjugated with Texas Red

CATALOG #
AAA77536

APPLICATIONS
Immunofluorescence, Immunohistochemistry, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Streptavidin; conjugated with Texas Red; Streptavidin secondary antibody

PRODUCT SPECIFICATIONS

Specificity	Texas Red®-conjugated streptavidin.
Form/Format	Lyophilized from a solution in 0.01M sodium phosphate, 0.25M NaCl, containing 15mg/ml bovine serum albumin. $A_{596}/A_{280} = 0.55$
Applicable Applications for Streptavidin secondary antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Biological Origin	Streptomyces avidinii
Physical Form	Lyophilized, stable violet powder.
Preservative	0.05% Sodium azide
Fluorescent Marker	Texas red sulfonyl chloride. Excitation: 596nm, excitation 615 nm.
Streptavidin activity	Minimum 5 units/mg protein.
Unit definition	One unit will bind 1 ug biotin.
Conjugation	Texas Red
Intended Use	As a fluorescent marker for biotine conjugates. It is of critical importance always to establish by titration the optimum working dilution, since it depends on the variables of the test arrangement. Working dilutions are usually from 2 to 5 ug/ml.
Directions for Use	The conjugate is shipped at ambient temperature and must be stored at 4°C. Reconstitute the lyophilized product by adding 0.1ml sterile water. Spin down to remove insoluble particles, divide into small aliquots and store as a liquid at or below -20°C by adding an equal volume of glycerol. Repeated freezing and thawing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the conjugate. Dilutions should be stored at +4°C, not refrozen, and preferably used the same day. Avoid exposure to light.
Preparation and Storage	Stored dry at 4°C / 5 years reconstituted at or below -20°C / 1 year reconstituted at +4°C / 6 weeks

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.