www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

ANTI-STREPTAVIDIN

SKU: SP-4488-.5

DESCRIPTION

Anti-Streptavidin antibodies have been widely used as amplifying reagents in immunohistochemistry, in situ hybridization, microarray assays, ELISAs, blots, and many other applications. Our antibodies to streptavidin are produced in goats using our highly purified streptavidin and isolated by affinity chromatography. Anti-Streptavidin does not bind avidin and Anti-Avidin does not recognize streptavidin. These antibodies provide opportunities to significantly amplify signals in many applications.

DyLight 488 Anti-Streptavidin has been optimally labeled to provide maximum fluorescence.

- Maximum Excitation: 493 nm
- Maximum Emission: 518 nm
- Color: green

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

SPECIFICATIONS

Color of Fluorescence	Green
Format	Concentrate
Formulation	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide
Unit Size	0.5 mg
Storage Instructions	2-8 °C
Usage Summary	The recommended concentration range for use is 5-20 µg/ml.
Applications	Immunofluorescence, In situ hybridization
Concentration	1 mg active conjugate/ml
Conjugate	DyLight 488
Reactive Species	Goat
Host Species	Goat

TECHNICAL INFORMATION

The capability of binding avidin or streptavidin via either biotin binding sites or through antigen binding sites, makes these biotinylated antibodies unique. These antibodies can be used either as part of preformed complexes or in sequence to amplify fluorescent signals. When used in sequence, the target is first labeled with fluorochrome-conjugated avidin or streptavidin, followed by incubation with Biotinylated Anti-Avidin or Biotinylated Anti-Streptavidin, followed by a second layer of fluorochrome-conjugated avidin or streptavidin. This sequence can be repeated. This multi-layered approach introduces more fluorochromes at the target site and can provide a multi-fold amplification over a single layer.

CITATIONS

www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.