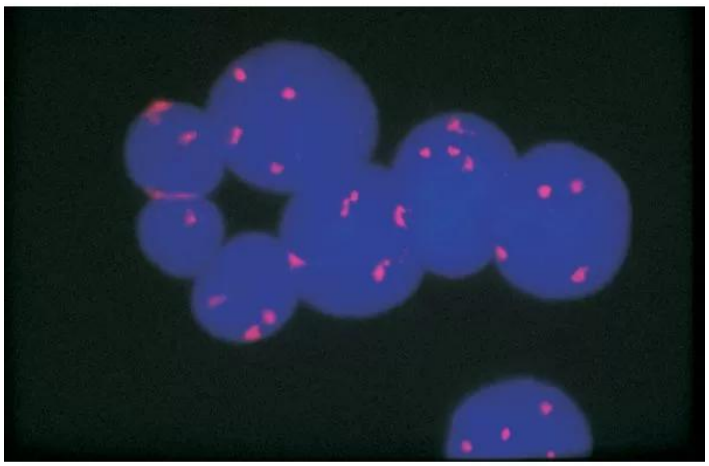
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-AVIDIN D

SKU: BA-0300-.5



DESCRIPTION

Biotinylated Anti-Avidin has been widely used as an amplifying reagent in immunohistochemistry, *in situ* hybridization, microarray assays, ELISAs, blots, and many other applications. The capability of binding avidin via either biotin binding sites or through antigen binding sites, makes this biotinylated antibody unique. Our antibodies to avidin are produced in goats using our highly purified avidin and isolated by affinity chromatography. Anti-Avidin does not bind streptavidin and Anti-Streptavidin does not recognize avidin. These antibodies provide opportunities to significantly amplify signals in many applications.

SPECIFICATIONS

Format	Lyophilized
Unit Size	0.5 mg

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

Storage Instructions	2-8 °C; Store frozen for long term storage
Usage Summary	Reconstitute by adding 1 ml water. The resulting solution will have the following composition: 10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.08% sodium azide, 1 mg/ml bovine serum albumin. The recommended concentration range for use is 1-10 µg/ml.If this biotinylated antibody is to be used in tissues, which may contain cross-reacting endogenous immunoglobulins, dilution of this biotinylated antibody may be made in buffers containing 2% normal serum from the same species as the tissue.
Applications	Immunofluorescence, In situ hybridization
Conjugate	Biotinylated
Reactive Species	Goat
Host Species	Goat

TECHNICAL INFORMATION

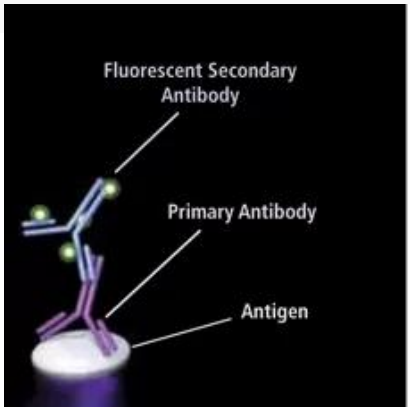
These antibodies can be used either as part of preformed complexes or in sequence to amplify fluorescent signals. When used in sequence, the target is first labeled with fluorochrome-conjugated avidin or streptavidin, followed by incubation with Biotinylated Anti-Avidin or Biotinylated Anti-Streptavidin, 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.

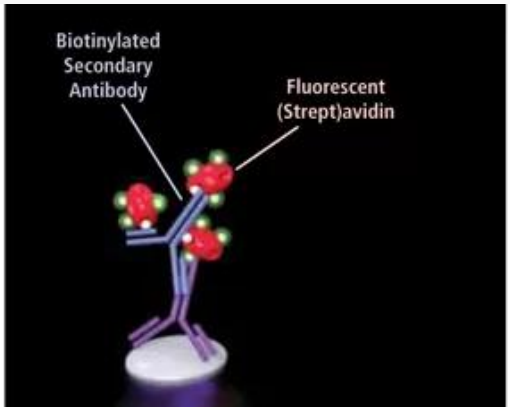
These affinity purified antibodies are also available unconjugated or fluorescein-labeled.

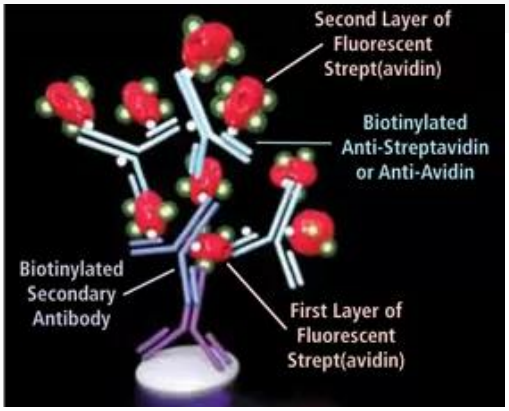
The following figure illustrates different experimental setups used to achieve increasing levels of sensitivity.

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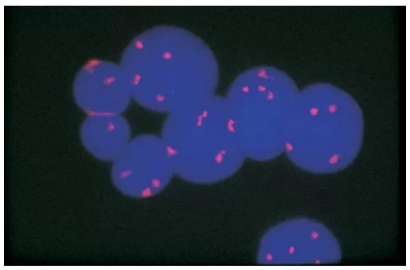
CITATIONS

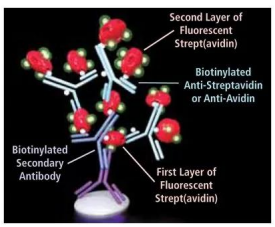
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DOCUMENTS

- Fluorescence Detection of Biotin-Labeled ISH Probes – Protocol
- In Situ Hybridization Detection Protocol
- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES







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