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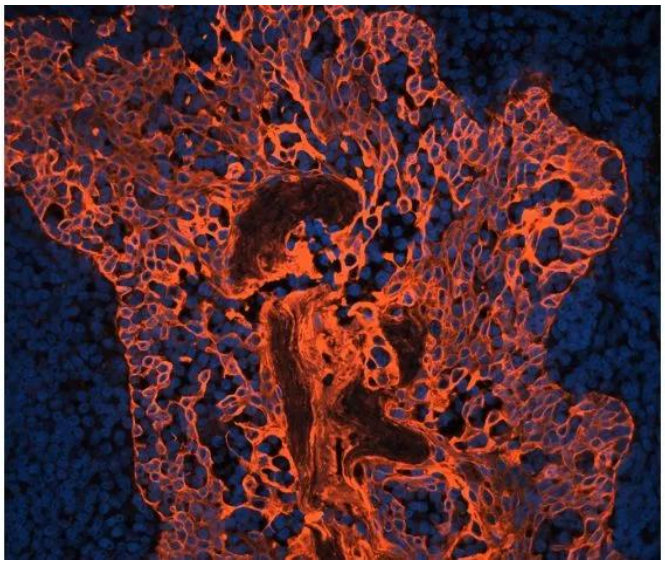
Telephone: (650) 697-3600

STREPTAVIDIN, CY3

SKU: SA-1300-1



DESCRIPTION

Vector Laboratories fluorochrome-conjugated streptavidin and avidin reagents are highly purified and possess very low non-specific binding properties. They have extremely high affinity for biotin. These fluorescent conjugates can be used to detect biotinylated secondary antibodies and other macromolecules in applications such as immunofluorescence, in situ hybridization, or flow cytometry.

Amplification of fluorescent signals can be easily achieved with our biotinylated secondary antibodies followed by our highly purified fluorochrome-labeled streptavidin or avidin. Using a biotin/avidin or biotin/streptavidin detection system results in an additional layer of amplification over a directly conjugated secondary antibody.

- Excitation: 552 nm
- Emission: 565 nm
- Color: Red

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SPECIFICATIONS

Color of Fluorescence	Red
Format	Concentrate
Formulation	10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.
Maximum Emission	570 nm
Maximum Excitation	550 nm
Unit Size	1 mg
Storage Instructions	2-8 °C
Usage Summary	Recommended concentration range for use 5-30 µg/ml Avoid using RPMI 1640 or other biotin-containing solutions as diluents. Serum also can contain biotin and should not be added to diluents.
Applications	Immunofluorescence, In situ hybridization, Flow Cytometry/Cell Separation
Concentration	1.0 mg/ml active conjugate
Conjugate	Cy3

CITATIONS

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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES

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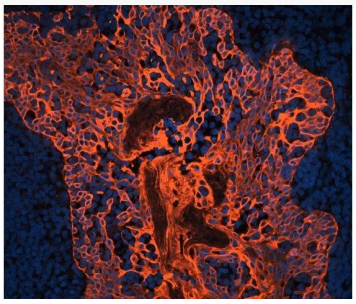
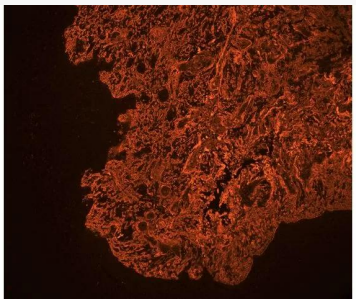
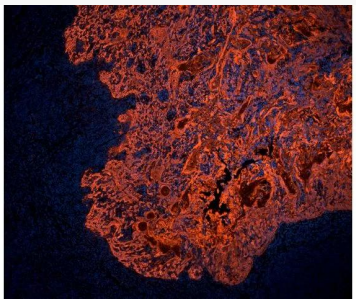
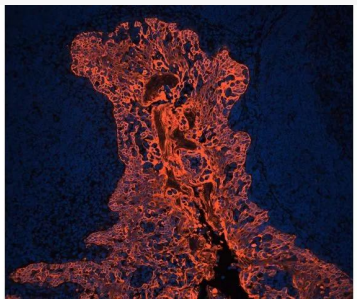
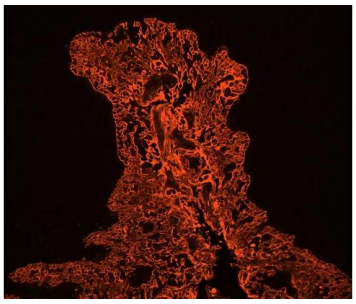
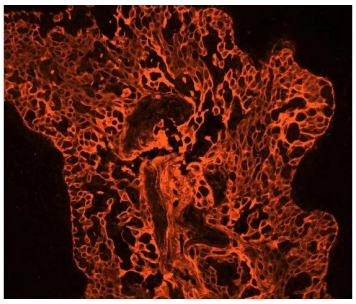

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