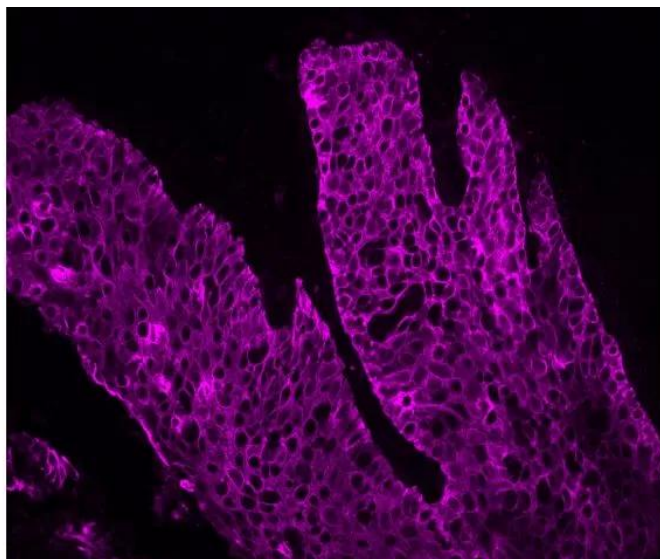




## **STREPTAVIDIN, CY5**

**SKU:** SA-1500-1



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### **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: 650 nm
- Emission: 670 nm
- Color: Far Red

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



## SPECIFICATIONS

|                              |                                                                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Color of Fluorescence</b> | Far Red                                                                                                                                                                                       |
| <b>Format</b>                | Concentrate                                                                                                                                                                                   |
| <b>Formulation</b>           | 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.                                                                                                                                         |
| <b>Maximum Emission</b>      | 663 nm                                                                                                                                                                                        |
| <b>Maximum Excitation</b>    | 647 nm                                                                                                                                                                                        |
| <b>Unit Size</b>             | 1 mg                                                                                                                                                                                          |
| <b>Storage Instructions</b>  | 2-8 °C                                                                                                                                                                                        |
| <b>Usage Summary</b>         | 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. |
| <b>Applications</b>          | Immunofluorescence, In situ hybridization, Flow Cytometry/Cell Separation                                                                                                                     |
| <b>Concentration</b>         | 1.0 mg/ml active conjugate                                                                                                                                                                    |
| <b>Conjugate</b>             | Cy5                                                                                                                                                                                           |

## CITATIONS

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## DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES

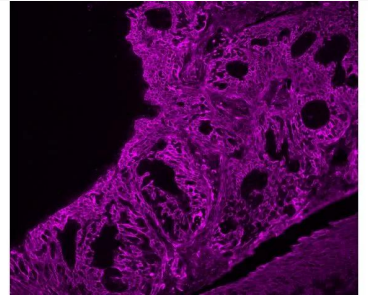
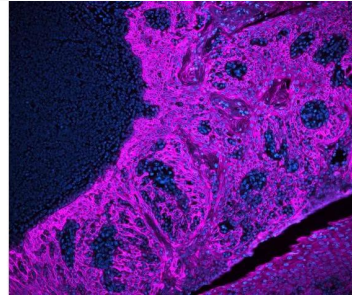
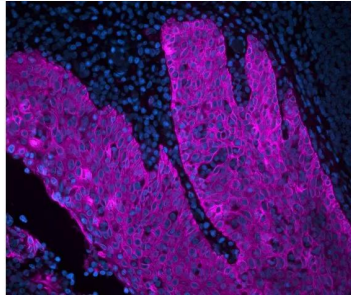
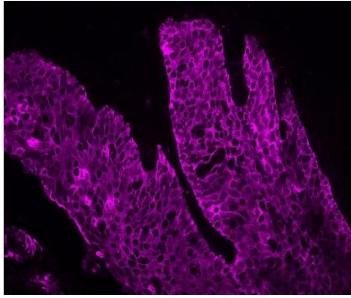
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[www.vectorlabs.com](http://www.vectorlabs.com)

Email: [customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Telephone: [\(650\) 697-3600](tel:(650)697-3600)



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