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FLUORESCEIN AVIDIN DCS, CELL SORTING GRADE

SKU: A-2011-1



DESCRIPTION

Avidin DCS, Fluorescein labeled, is a cell sorter grade of Fluorescein Avidin D. Through the development of a new method of fluorescein labeling we are able to incorporate more fluorochrome into a protein without altering the properties of the protein. Not only does the Fluorescein Avidin DCS have an optimal F/P ratio, the efficiency of fluorescence is also increased. In addition to the improved conjugation technique, we employ a purification step to reduce nonspecific binding which can hamper resolution in cell sorting and other applications.

SPECIFICATIONS

Color of Fluorescence	Green
Formulation	10 mM HEPES, 0.5 M NaCl, pH 8.0, 0.08% sodium azide, 10 mg/ml beta-cyclodextrin
Maximum Emission	514-521 nm

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

Maximum Excitation	495-500 nm
Unit Size	1 mg
Storage Instructions	2-8 °C
Usage Summary	For staining cells or tissues using fluorescent microscopy, the recommended concentration range is 5-30 µg/ml with incubation times of 15-30 minutes.
Applications	Immunofluorescence, In situ hybridization, Flow Cytometry/Cell Separation
Concentration	2.0 mg active conjugate/ml
Conjugate	Fluorescein

TECHNICAL INFORMATION

Although this product has been designed for cell sorting, it can also be used in fluorescent microscopy when higher sensitivity and lower background staining are necessary. This derivative is preferred when using the amplification procedure with Biotinylated Anti-Avidin D.

- Excitation maximum: 495 nm
- Emission maximum: 515 nm
- Color: Green

CITATIONS

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DOCUMENTS

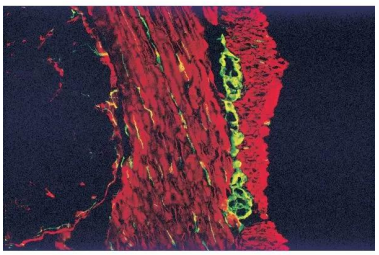
- Fluorescence Detection of Biotin-Labeled ISH Probes – Protocol
- Fluorescence Detection of Fluorescein-Labeled ISH Probes – Protocol
- In Situ Hybridization Detection Protocol
- Safety Data Sheet
- Download CoA
- Datasheet

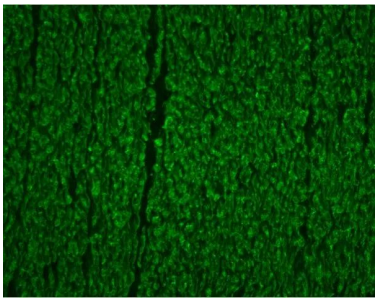
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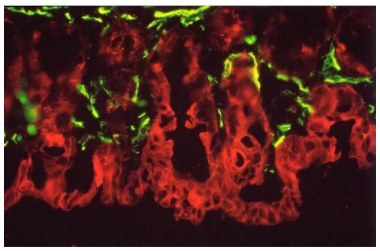
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