



# Rhodamine Avidin DCS, Cell Sorting Grade

## Product Images



## Short Description

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Avidin DCS, Rhodamine labeled, is a cell sorter grade of Rhodamine Avidin D. Through the development of a new method of labeling we are able to incorporate more fluorochrome into a protein without altering the properties of the protein. Not only does the Rhodamine Avidin DCS have a high 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.

## Additional Information

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Unit Size	1 mg
Applications	Immunofluorescence, In situ hybridization, Flow Cytometry/Cell Separation
Recommended Usage	For diluting this product, we recommend a HEPES- or bicarbonate-buffered saline solution, approximately pH 8.2. The recommended range of concentrations for staining of cells or tissues is 5-30 µg/ml.
Solution	10 mM HEPES, 0.5 M NaCl, pH 7.5, 0.08% sodium azide, 10 mg/ml beta cyclodextrin
Maximum Excitation	550-560 nm
Maximum Emission	568-575 nm
Recommended Storage	2-8 °C
Concentration	2.0 mg active conjugate/ml
Conjugate	Rhodamine
Color of Fluorescence	Red
Format	Concentrate

