

PRODUCT DATA SHEET

Streptavidin, DyLight™ 488 Conjugated

Product Number: 21832

Lot Number: PA198700

Description: Streptavidin, DyLight™ 488 Conjugated

Form: The Streptavidin, DyLight™ 488 conjugate is supplied as a yellow colored liquid at a concentration of 1 mg/ml in 0.1 M sodium phosphate, 0.15 M sodium chloride, pH 7.2, containing 1% BSA and 0.02% sodium azide.

Volume: 1 ml

Concentration: 1 mg/ml

Application Note: The Streptavidin, DyLight™ 488 conjugate can be used in immunofluorescence microscopy, fluorescence plate-based assays, fluorescent Western blotting and arrays, and is suitable for multiplex labeling experiments.

Suggested working dilutions for Streptavidin, DyLight™ 488 conjugate:

Immunofluorescence: 1:200-1:1000
Fluorescent Western Blotting and Arrays: 1:7500-1:15,000 (recommend 1:10,000)
Fluorescence Plate Base Assays: 1:100-1:500
Flow Cytometry: not tested
Other applications: user optimized

Instrument Compatibility: The emission spectra for this DyLight™ 488 conjugate match the principal output wavelengths of most common fluorescence instrumentation.

Mole Dye/Mole Protein Ratio: 3

Excitation and Emission Values

Excitation (nm)	Emission (nm)
493 ± 4 nm (in PBS)	518 ± 4 nm (in PBS)

Stability: One year from date of product receipt

Storage: Store at 4°C

This product ("Product") is warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Product documentation, specifications and/or accompanying package inserts ("Documentation") and to be free from defects in material and workmanship. Unless otherwise expressly authorized in writing, Products are supplied for research use only. No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the original purchaser of the Product ("Buyer").

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