Fluorescent Dye 620-M Streptavidin

Catalog # U0293 Size 100 ug

Applications

Maximum Excitation/Emission wavelength: 523/617 nm

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Specification

Product Description	Fluorescence Dye 620-M with Streptavidin conjugate. All the Fluorescent Dye M series products are designed to be maximally excited by one of the major light sources equipped in flow cytometers. Bes ides, in comparison with phycobiliprotein tandems, Fluorescent Dye M series possesses better phot ostability, higher conjugation yields, and little pH sensitivity making it an ideal choice in fluorescence i maging applications.
Molar Extinction Coefficient	≥50,000$M^{-1}cm^{-1}$
Excitation (Max)	523nm
Emission (Max)	617nm
Recommended Excitation	Green (532nm)
Solubility	Water
Regulation Status	For research use only (RUO)
Recommend Usage	Labeling via Streptavidin for fluorescence imaging and other fluorescence-based biochemical analys is. For most fluorescent streptavidin applications, a concentration of 1-20 ug/mL is sufficient. The optimal working dilution should be determined by the end user.
Storage Buffer	Water

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Storage Instruction	Store the product in desiccated environment at -20°C and avoid from light. Add ddH2O with 0.1% BSA into the vial to have 1 mg/mL stock solution. This reconstituted solution r emains stable for 2 months when stored in the presence of 2 mM sodium azide and avoid from light at 4°C. For longer storage, divid the reconstituted solution into single-used aliquots, or add equal vol ume of glycerol without aliquoting, and avoid from light at -20°C.
Note	Maximum Excitation/Emission wavelength: 523/617 nm Maximum Excitation/Emission wavelength: 523/617 nm

Applications

- Flow Cytometry
- Conjugation

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