

mFluor™ UV 375 Biotin Conjugate

Catalog number: 3111
Unit size: 1 mg

Product Details

Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Solid
Molecular Weight	954.26
Soluble In	DMSO

Spectral Properties

Excitation Wavelength	351 nm
Emission Wavelength	387 nm

Applications

mFluor™ UV 375 Biotin Conjugate contains mFluor™ UV 375 fluorophore that is well excited by the common 350 nm laser. It is a unique color for spectral flow cytometry, and demonstrates excellent avidin binding and strong UV fluorescence. It has avidin-binding properties similar to native biotin in terms of high affinity, fast association, and non-cooperative binding to avidin and streptavidin tetramers. mFluor™ UV 375 Biotin Conjugate can be used for detecting avidin, streptavidin or neutravidin conjugates. It is a water-soluble reagent and has pH independent fluorescence from pH 4 to pH 10. The flexible spacer between biotin moiety and fluorescent tag minimizes the steric hindrance involved in binding to avidin, streptavidin or neutravidin.