

## mFluor™ Red 780 Biotin Conjugate

Catalog number: 3115  
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	1671.27
Soluble In	DMSO

### Spectral Properties

Excitation Wavelength	629 nm
Emission Wavelength	767 nm

### Applications

mFluor™ Red 780 Biotin Conjugate contains mFluor™ Red 780 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 near infrared (NIR) 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™ Red 780 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.