



Lightning-Link® Rapid Rhodamine Conjugate Data Sheet

Applicable to: 311-0010, 311-0015, 311-0030.

Release 2

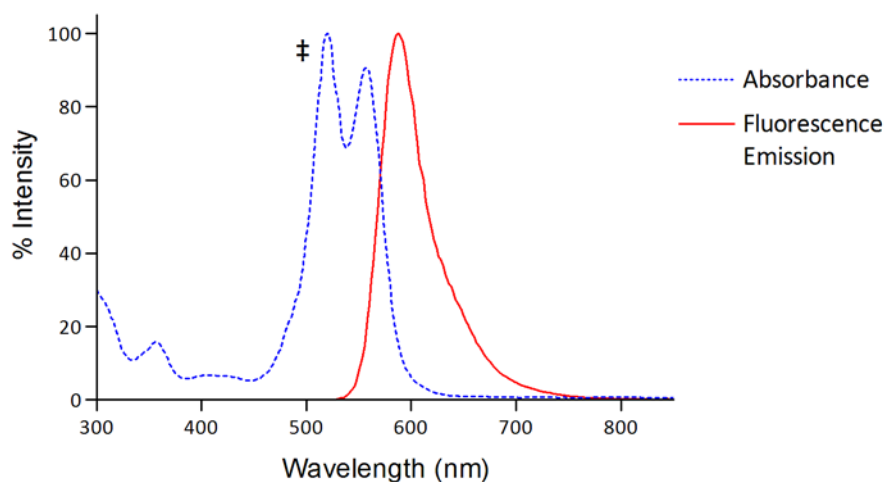
20/04/2016

Rhodamine is a small molecule fluorophore that provides orange fluorescence when excited.

Details of the fluorescence

Maximum Absorbance	Maximum Fluorescence Emission	Suggested Excitation Laser Line	Extinction Coefficient ($\text{cm}^{-1} \text{M}^{-1}$)	Fluorescence Color	Stokes Shift
555 nm	588 nm	561 nm	94 500	Orange	33 nm

Scans of the Absorbance and Fluorescence Emission of a Lightning-Link® Rapid Rhodamine Conjugate



‡ This peak is an absorbance peak rather than a fluorescence excitation peak, so the dye will not fluoresce if excitation wavelengths in this range are used. See the table above for the ideal excitation wavelength (Maximum Absorbance).