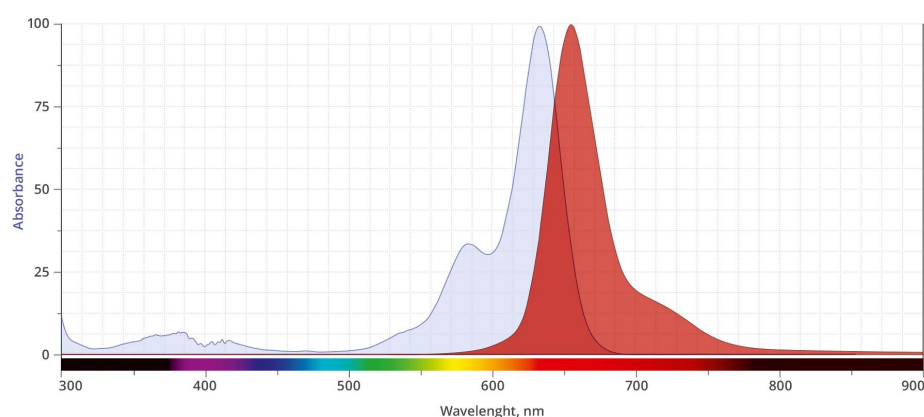


improvement in cyanine-5 based dyes most dye are still lacks sufficient photostability required for many demanding applications.

MB 633 is a novel, rhodamine-based dye with its absorption peak at 630 nm. MB 633 can be optimally excited by the 633 nm He-Ne laser or the 635 nm red diode laser with emission maximum at 650 nm. The most important advantage of MB 633 and other rhodamine-based far-red MB dyes are their unmatched photostability. The combination of superior brightness and photostability makes far-red MB dyes ideal choices for detection in the long wavelength region on a variety of instruments

Abs/Em Spectra



Specifications

Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Reactivity	Primary amine
Abs/Em Maxima	630/650 nm
Extinction coefficient	100,000 cm ⁻¹ M ⁻¹
Solubility	Water, DMSO, DMF
Spectrally similar dyes	Alexa Fluor® 633, CF® 633,
Molecular weight	1095.11
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.