Super Fluor 680

Cat. No. DYE-15 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Description	Super Fluor 680 dye is a bright, near-IR fluorescent dye with excitation ideally suited for the 633 nm laser line. For stable signal generation in imaging and flow cytometry, Super Fluor 680 dye is pH-insensitive over a wide molar range.The fluorescence quantum yield and high photostability in antifade allow detection of low-abundance biological structures in fixed cells with great sensitivity. Super Fluor 680 dye molecules can be attached to proteins at high molar ratios without significant self-quenching, leading to brighter conjugates and more sensitive detection. The long wavelength emission allows for detection in complex samples with auto-fluorescent background signals.We offer Super Fluor 680 dye conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification substrates optimized for cellular labeling and detection. In addition, reactive dye forms and protein labeling kits are available to allow you to generate your own antibody conjugates or probes.
Ex(nm)	680
Em(nm)	702
Storage	Store at -20°C in the dark. Dessicated.

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