

AF 555 NHS Ester

Article number: KF-YG0739

specification: 1mg/5mg/25mg

Product Application

AF 555 is a bright orange dye. AF 555 dye is used for the generation of stable signals in imaging and flow cytometry and is water-soluble and pH-insensitive (pH 4 to pH 10). In addition to reactive dye formulations, we offer AF 555 dyes that can be conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification substrates, and are optimized for cell labeling and detection.

The NHS ester (or succinimidyl) of AF555 is the most commonly used tool for conjugating this dye to proteins or antibodies. NHS esters can be used to label primary amines (R-NH₂ on proteins, amine-modified oligonucleotides, and other amine-containing molecules). The resulting AF conjugates will exhibit brighter fluorescence and higher photostability than conjugates of other spectrally fluorophores.

Transportation and storage

Transport conditions: Cold





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Storage conditions: -20° C, dry, protected from light.

