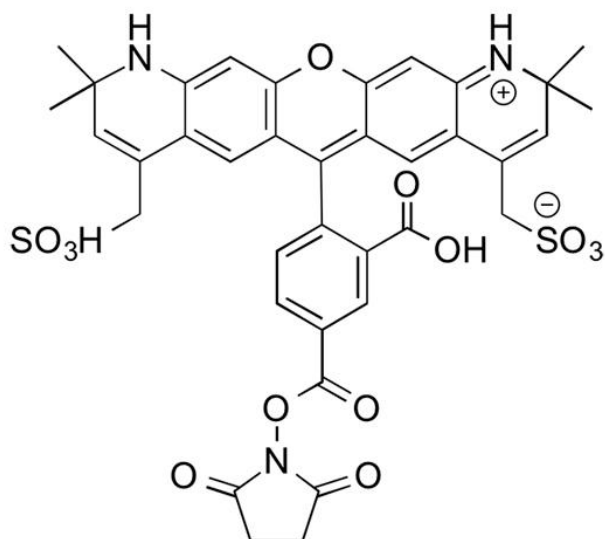
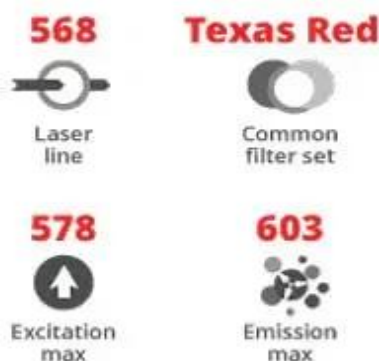


AZDYE 568 NHS ESTER

SKU: FP-1081



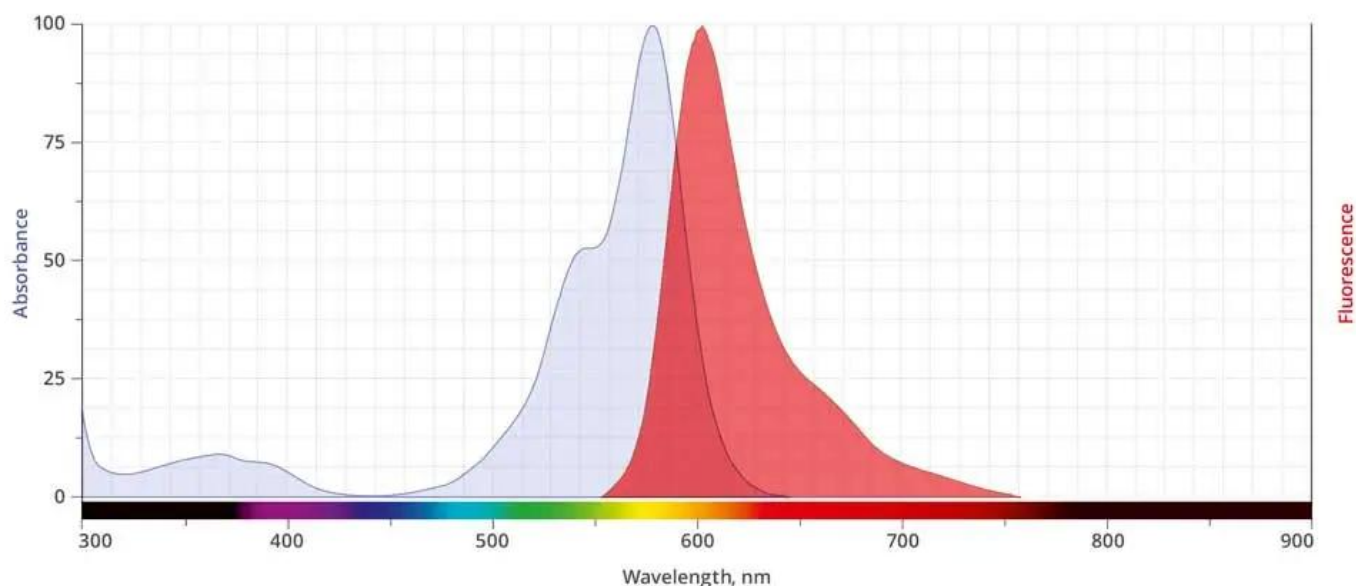
Description



AZDye™ 568 NHS Ester (Alexa Fluor 568 NHS Ester equivalent) is an amine-reactive, orange fluorescent dye routinely used to label proteins or antibodies through the primary amines (Lys), amine-modified oligonucleotides, and other amine-containing biomolecules. AZDye™ 568 dye can be used for proteins labeling at high molar ratios without significant self-quenching, enabling brighter conjugates and more sensitive detection.

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

AZDye™ 568 is a water-soluble, photostable, and bright orange dye with pH insensitive emission from pH 4 to pH 10. The excitation of AZDye™ 568 dye ideally suited for the 568 nm laser line on the Ar-Kr mixed-gas laser. AF™ 568 dye conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification substrates often used for generation of stable signal in imaging and flow cytometry.



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Reactivity	Primary amine
Abs/Em Maxima	578/602 nm
Extinction coefficient	88,000 cm ⁻¹ M ⁻¹
Solubility	Water, DMSO, DMF
Spectrally similar dyes	Alexa Fluor® 568, CF™ 568
Molecular weight	791.80 (protonated)
Storage Conditions	-20°C.
Shipping Conditions	Ambient temperature

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