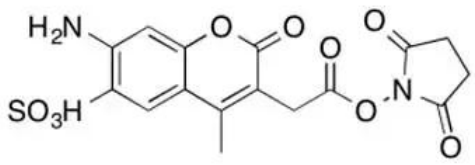
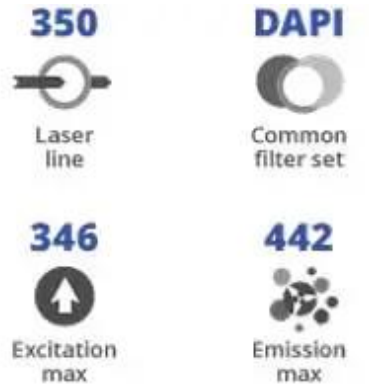
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 350 NHS ESTER

SKU: FP-1002



Description



AZDye™ 350 NHS Ester (Alexa Fluor® 350 NHS Ester equivalent) is an amine reactive, water-soluble, blue-emitting dye used to specifically and efficiently modify a primary amine (e.g., side chain of lysine residues or aminosilane-coated surfaces) at pH 7-9 to form a stable, covalent amide bond. The NHS ester (or succinimidyl ester) is the most popular tool for conjugating dyes to the primary amines of proteins or antibodies (Lys), amine-modified oligonucleotides, and other amine-containing molecules.

AZDye™ 350 is a moderately photostable, blue-fluorescent probe optimally excited by the 350 nm laser line routinely used for generation of stable signal in imaging and flow cytometry. The brightness and photostability of blue dyes are best suited to direct imaging of high-abundance targets.

AZDye™ 350 NHS Ester is structurally identical to Alexa Fluor® 350 NHS Ester.

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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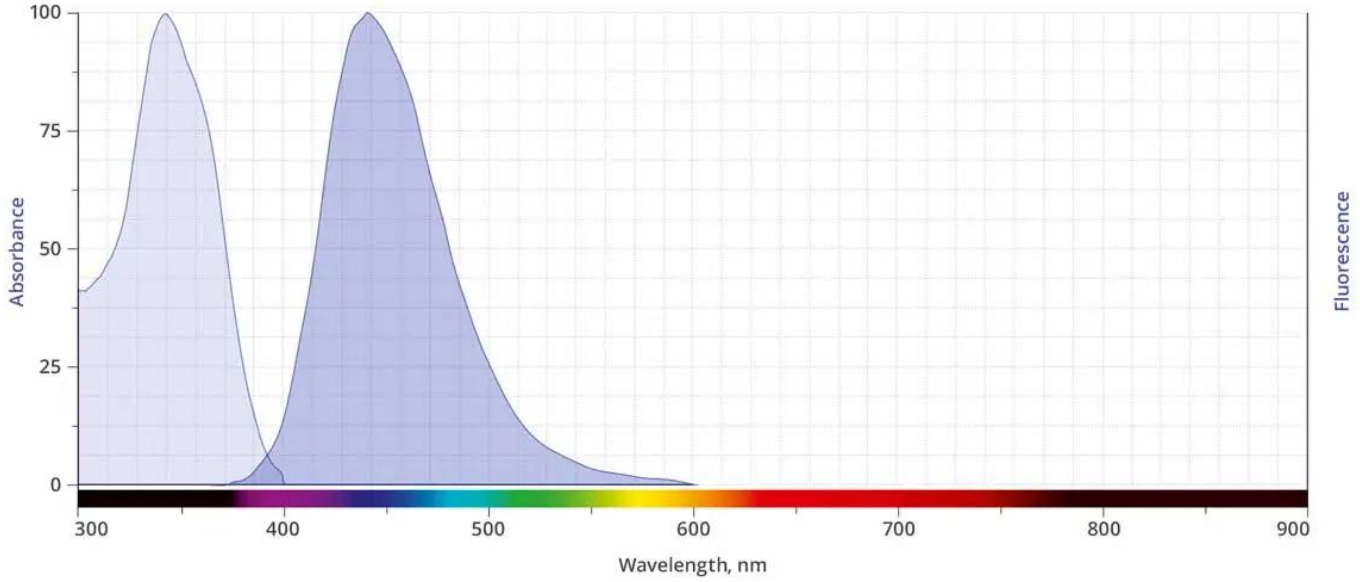

Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Reactivity	Primary amines
Abs/Em Maxima	346/445 nm
Extinction coefficient	19,000 cm-1M-1
Solubility	Water, DMSO, DMF
Spectrally similar dyes	Alexa Fluor® 350, AMCA, DyLight® 350
Molecular weight	410.35
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature