www.vectorlabs.com
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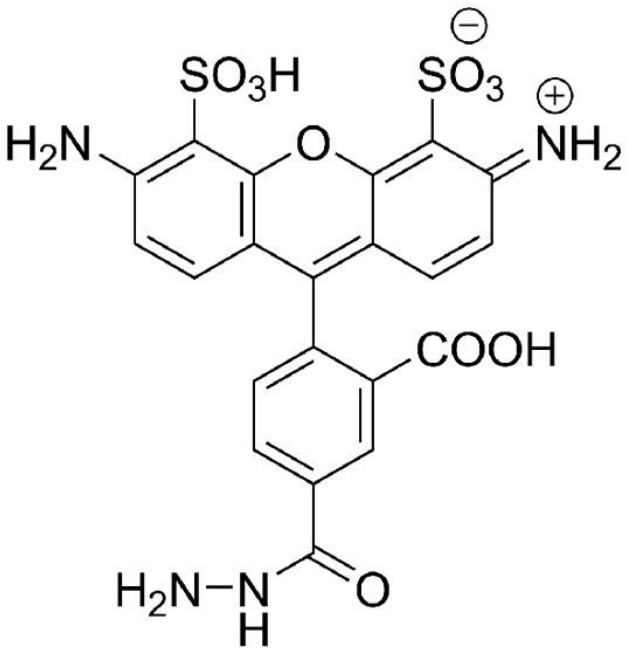
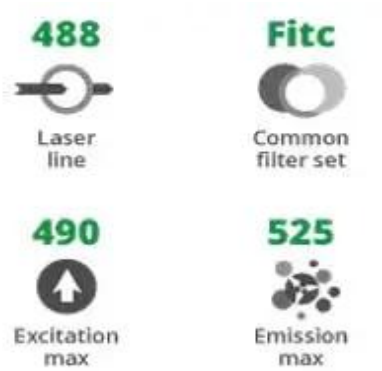
t: (650) 697-3600

AZDYE 488 HYDRAZIDE

SKU: FP-1017



Description



AZDye™ 488 Hydrazide is a bright, green-fluorescent dye that often used for labeling aldehydes or ketones in polysaccharides or glycoproteins. AZDye™ 488 Hydrazide is useful as low molecular weight, membrane-impermeant, aldehyde-fixable cell tracers, exhibiting brighter fluorescence and greater photostability than cell tracers derived from other spectrally similar

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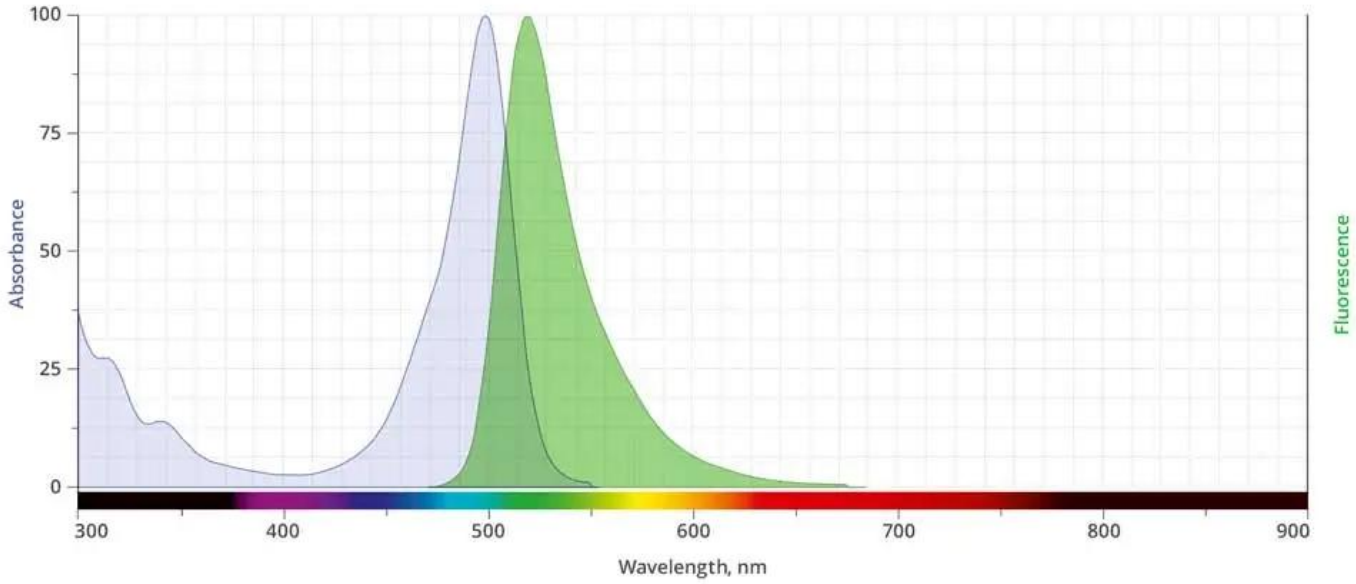
fluorophores.

AZDye™ 488 is a bright, highly photostable, green-fluorescent probe optimally excited by the 488 nm laser line. This probe is water-soluble and its fluorescence is pH independent over a wide pH range. The brightness and photostability of AZDye™ 488 dyes are best suited to direct imaging of low-abundance targets.



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Reactivity	Aldehyde, ketone,
Abs/Em Maxima	494/517 nm
Extinction coefficient	73,000 cm-1M-1
Solubility	Water, DMSO, DMF
Spectrally similar dyes	Alexa Fluor® 488, DyLight® 488, Fluorescein, Oregon Green 488
Molecular weight	548.50 (protonated)
Storage Conditions	-20°C.

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Shipping Conditions Ambient temperature

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