www.vectorlabs.com
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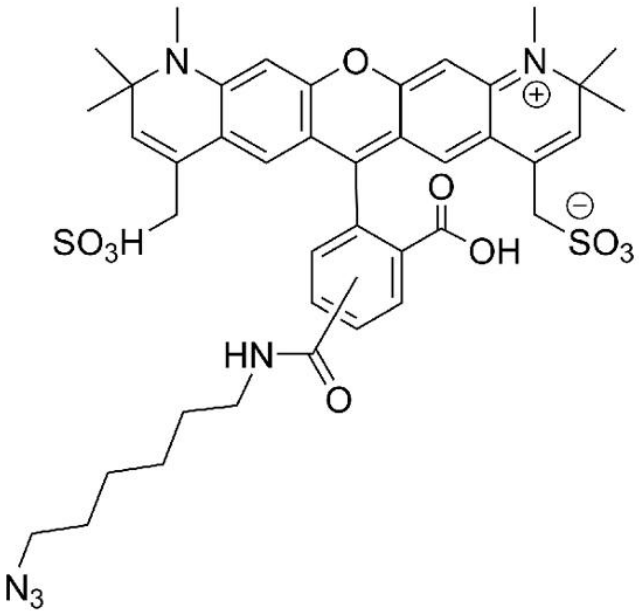
AZDYE 594 AZIDE

SKU: CCT-1295



Description

AZDye™ 594 Azide is a bright, red-fluorescent azide-activated probe that reacts with terminal alkynes via a copper-catalyzed click reaction (CuAAC). It also reacts with strained cyclooctyne via a copper-free click chemistry reaction to form a stable triazole and does not require Cu-catalyst or elevated temperatures. AZDye™ 594 is well suited for the 561 nm and 594 nm laser lines of the Ar-Kr mixed-gas laser.

AZDye™ 594 Azide dye structurally is identical to Alexa Fluor® 594 Azide. Its absorption/emission spectra is a perfect match to spectra of many other fluorescent dyes based on sulfonated rhodamine core, including CF®594 Dye, DyLight® 594 and Alexa Fluor® 594.

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

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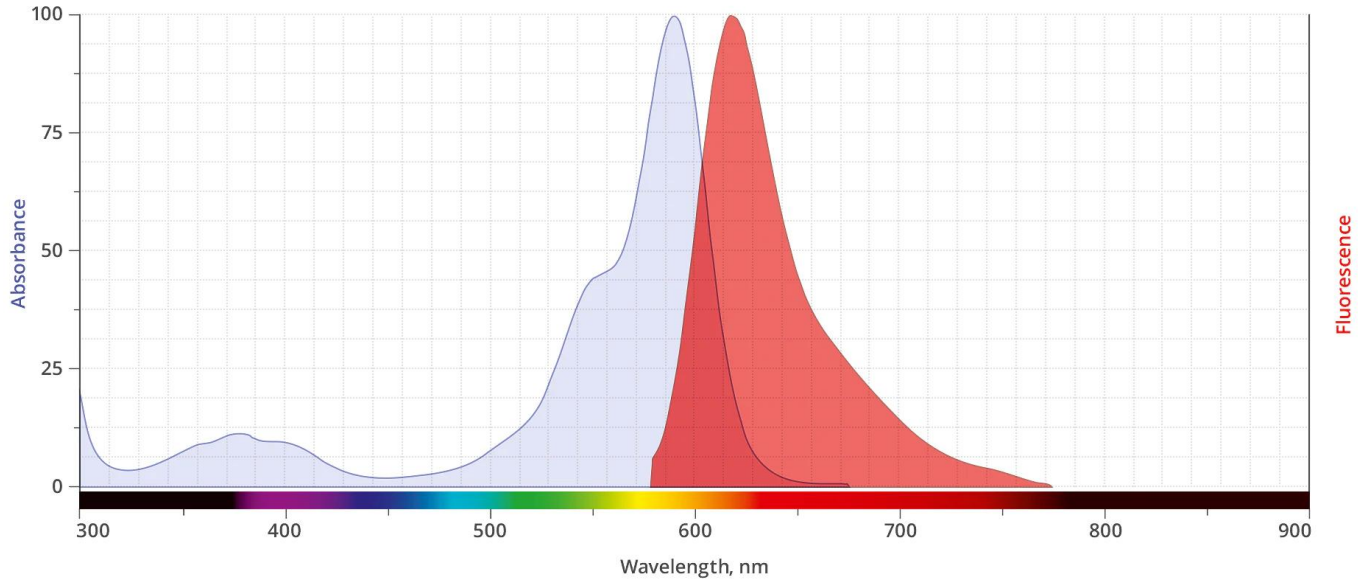

Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg
Abs/Em Maxima	590/617 nm
Extinction Coefficient	88,000
Flow Cytometry Laser Line	561 nm or 594 nm
Microscopy Laser Line	594 nm
Spectrally Similar Dyes	Alexa Fluor® 594, CF® 594, DyLight® 594
Molecular weight	846.97 (protonated)
CAS	N/A
Solubility	Water, DMSO, DMF
Purity	>95% (HPLC)
Appearance	Red solid
Storage Conditions	-20°C. Desiccate
Shipping Conditions	Ambient temperature
