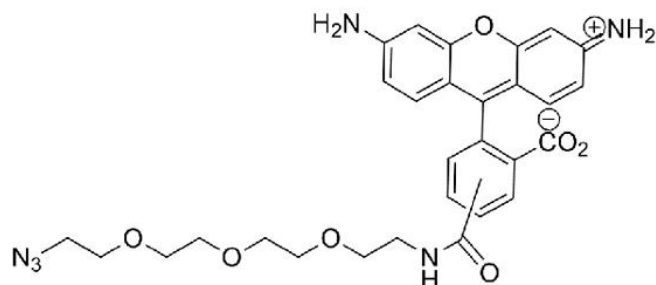


CARBOXYRHODAMINE 110 AZIDE

SKU: CCT-AZ105

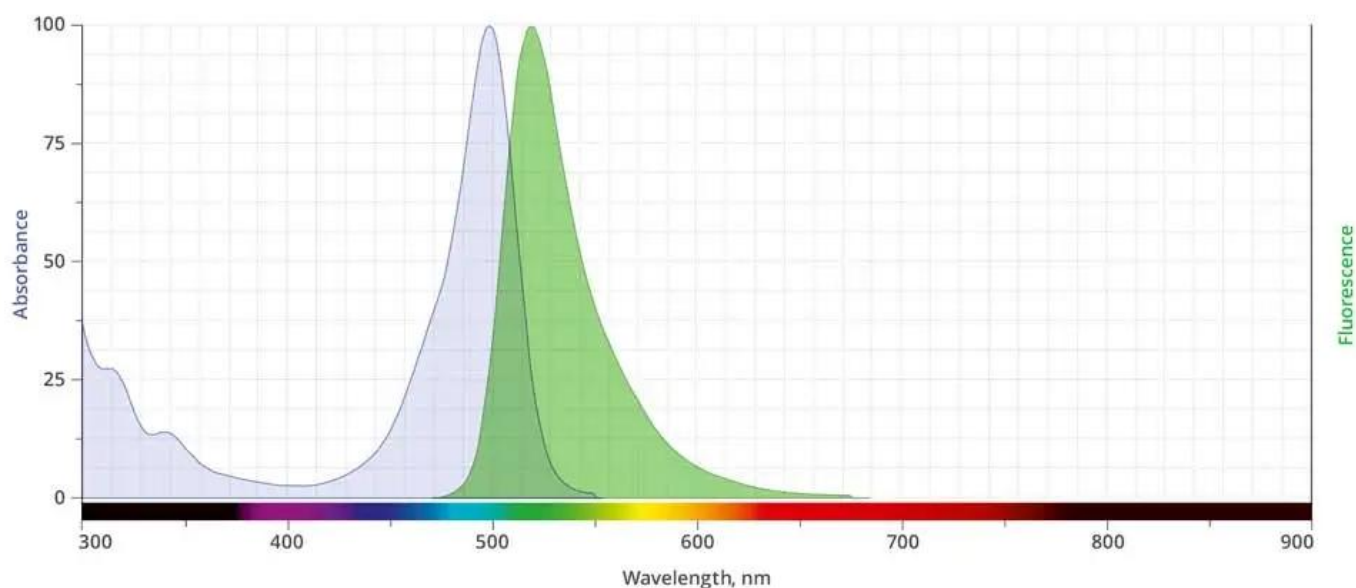


Description

5(6)-Carboxyrhodamine 110 Azide (also known as Rhodamine Green) is photostable, green-fluorescent 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.

5(6)-Carboxyrhodamine 110 (also known as Rhodamine Green) is the nonsulfonated analog of the Alexa Fluor® 488 dye with excitation/emission maxima ~502/527 nm. Carboxyrhodamine 110 is bright photostable and pH-insensitive from pH 4 to pH 10 dye. This probe can be used with the 488 nm line of argon-ion laser and standard FITC filter set.

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



Abs/Em Spectra

Specifications

Unit Size	1 mg, 5 mg, 25 mg, 100 mg
Abs/Em Maxima	501/523 nm
Extinction Coefficient	74,000
Flow Cytometry Laser Line	488 nm
Microscopy Laser Line	488 nm
Spectrally Similar Dyes	Fluorescein, Alexa Fluor® 488, DyLight® 488
Molecular weight	575.59
CAS	N/A
Solubility	DMSO, DMF
Purity	>95% (HPLC)
Appearance	Red solid
Storage Conditions	-20°C
Shipping Conditions	Ambient temperature

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[Carboxyrhodamine 110 Azide](https://vectorlabs.com/products/carboxyrhodamine-110-azide)

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