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

AQUORA® 405-NHS ESTER

SKU: QBD-12005LF



DESCRIPTION

AQuora® 405-NHS Ester is an amine-reactive fluorophore engineered with SuperHydrophilic™ technology designed to improve solubility during labeling and of the dye-labeled conjugate. As a result, the dye-labeled conjugates made with AQuora® 405-NHS Ester yield enhanced signal and signal-to-noise ratios in fluorescence-based applications including fluorescent western blotting, fluorescence-based microscopy, flow cytometry, and cell-based assays. AQuora® 405-NHS Ester is a pyrene-based dye with photophysical properties comparable to Alexa Fluor 405® and DyLight® 405. (Alex Fluor® and DyLight® are trademarks of Thermo Fisher Scientific.) This AQuora® 405-NHS Ester dye is activated with an N-hydroxysuccinimide (NHS) ester group which reacts with free primary amines, such as the amines on the side chain of lysines, forming a stable amide bond.

SPECIFICATIONS

Molecular Weight	1280
A280 Correction Factor	0.7
Extinction Coefficient	35,000
Format	Lyophilized

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

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Unit Size	1mg
Storage Instructions	Store at -20°C. Protect from light. May ship at ambient temperatures.
Spectrally Similar Dyes	Alexa Fluor 405® and DyLight® 405
Excitation/Emission Maximum	399 nm /422 nm
Label	AQuora® 405
Origin	United States of America
Reactive Group	NHS Ester

DOCUMENTS

- Safety Data Sheet
- User Guide
- Datasheet

GALLERY IMAGES



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