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AQUORA® 405-MALEIMIDE

SKU: QBD-12006LF



DESCRIPTION

AQuora® 405-Maleimide is a thiol-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-Maleimide yields 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-Maleimide is a pyrene-based dye with photophysical properties comparable to Alexa Fluor 405® and DyLight® 405. It is activated with a maleimide (MAL) group which reacts with a thiol to form a thioether bond. (Alex Fluor® and DyLight® are trademarks of Thermo Fisher Scientific.)

SPECIFICATIONS

Molecular Weight	1280
A280 Correction Factor	0.7
Extinction Coefficient	35,000
Format	Lyophilized
Unit Size	1mg

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

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	Maleimide

DOCUMENTS

- Safety Data Sheet
- User Guide
- Datasheet

GALLERY IMAGES



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