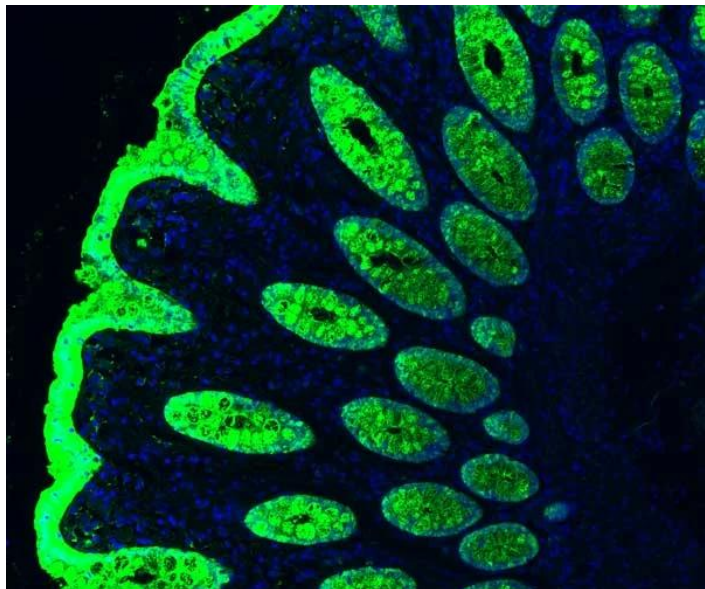


AQUORA® 488-MALEIMIDE

SKU: QBD-12022LF



AQuora® 488-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® 488-Maleimide 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® 488-Maleimide is a xanthene-based dye with photophysical properties comparable to Alexa Fluor 488® and DyLight® 488. It is activated with a maleimide (MAL) group, which reacts with a thiol to form a thioether bond. (Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific.)

Specifications

| | |
|--------------------------|---|
| Unit Size | 1mg |
| Format | Lyophilized |
| Storage | Store at -20°C. Protect from light. May ship at ambient temperatures. |
| Country of Origin | United States of America |
| Label | AQuora® 488 |

For research use only. Not intended for animal or human therapeutic or diagnostic use.

Excitation / Emission Maximum 493 nm / 522 nm

A280 Correction Factor 0.110

Reactive Group Maleimide

Extinction Coefficient 73,000

Spectrally Similar Dyes Alexa Fluor® 488 & DyLight® 488

Molecular Weight 1260

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