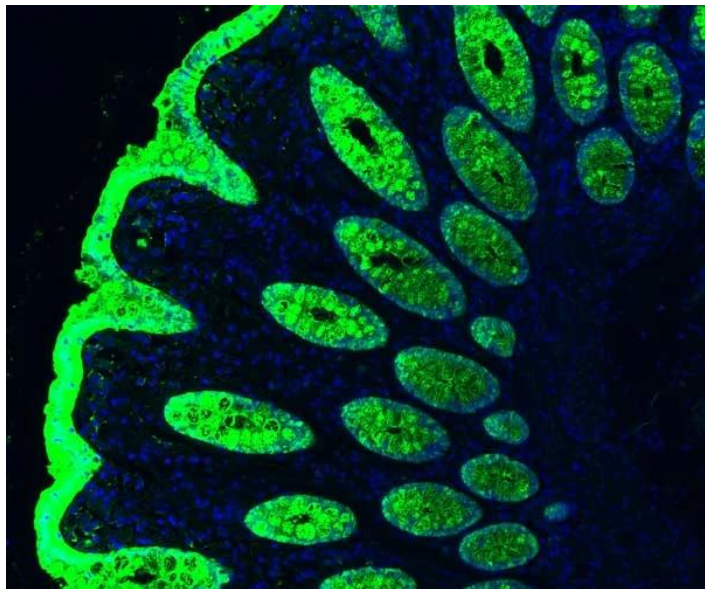




## **AQUORA® 488-NHS ESTER**

**SKU:** QBD-11083LF



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### **DESCRIPTION**

AQuora® 488-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® 488-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® 488-NHS Ester is a xanthene-based dye with photophysical properties comparable to Alexa Fluor® 488 & DyLight® 488.

This AQuora® 488-NHS Ester dye is activated with a 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.

Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific.

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



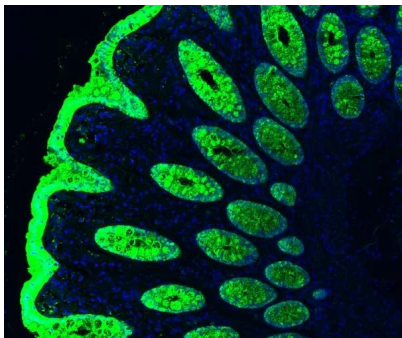
## SPECIFICATIONS

<b>Molecular Weight</b>	1250
<b>A280 Correction Factor</b>	0.11
<b>Extinction Coefficient</b>	73,000
<b>Format</b>	Solid
<b>Unit Size</b>	1mg
<b>Storage Instructions</b>	Store at -20°C. Protect from light. May ship at ambient temperatures.
<b>Spectrally Similar Dyes</b>	Alexa Fluor® 488 & DyLight® 488
<b>Excitation/Emission Maximum</b>	493 nm / 522 nm
<b>Label</b>	AQuora® 488
<b>Origin</b>	United States of America
<b>Reactive Group</b>	NHS Ester

## DOCUMENTS

- [Safety Data Sheet](#)
- [User Guide](#)
- [Datasheet](#)

## GALLERY IMAGES



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