Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com

DATASHEET

MightyMount™ Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (aqueous)

Product overview

Name MightyMount™ Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (aqueous)
Cat No HB9417
Biological description

Overview

MightyMount™ Antifade Fluorescence Mounting Medium with phalloidin-TRITC (aqueous) is an ideal formulation for prevention of photobleaching of fluorescent proteins and dyes during fluorescent imaging. It is easy to use with an ideal refractive index and provides effective prevention of photobleaching. This formulation contains Phalloidin-TRITC which is a widely used red-orange fluorescent cytoskeleton stain which binds and labels F-actin.

Applications: IHC(IF), ICC, Cellular imaging, Super-resolution microscopy
Mounting: Aqueous (non-setting)
Antifade: Yes
Counterstain: Phalloidin-TRITC
Refractive index: 1.45

Other Mounting Media Products

We supply a full range of mounting media for a range of experimental needs:

Hardset:

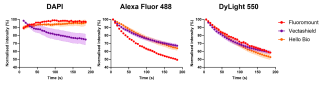
- HB6966 - MightyMountTM Antifade Fluorescence Mounting Medium (hardset)
- HB8459 - MightyMount™ Antifade Fluorescence Mounting Medium with DAPI (hardset)
- HB7033 - MightyMount™ Antifade Fluorescence Mounting Medium with Propidium Iodide (hardset)
- HB7508 - MightyMount™ Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (hardset)

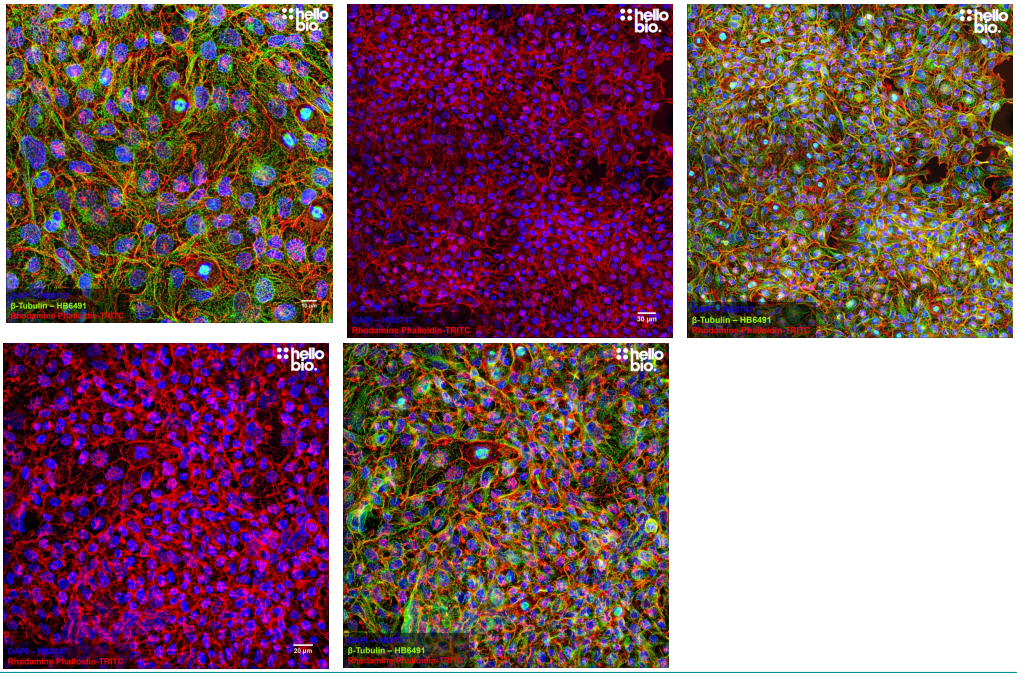
Aqueous:

- HB9854 - MightyMount™ Antifade Fluorescence Mounting Medium (aqueous)
- HB7618 - MightyMount™ Antifade Fluorescence Mounting Medium with DAPI (aqueous)
- HB8761 - MightyMount™ Antifade Fluorescence Mounting Medium with Propidium Iodide (aqueous)
- HB9417 - MightyMount™ Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (aqueous)

Applications ICC, IF, IHC(IF)
Description Antifade aqueous fluorescence mounting medium with Phalloidin-TRITC for use in IHC(IF) and ICC.

Images





Biological Data

Application notes

Protocol for use of mounting media

IHC(IF)

1. Mount sections onto subbed or charged microscope slides and air dry (in the dark) until sections are moist but all excess liquid has evaporated
2. Add a few drops of mounting media around the sections (around 50µl but this will depend on the number and thickness of sections) and slowly lower the coverslip from one end of the slide to the other being careful to avoid creating any bubbles.
3. Use clear nail varnish to seal the edges of the slide to avoid movement during imaging and stop evaporation.

For more information on IHC(IF) including tips on how to mount sections, please see our IHC(IF) protocol

ICC

1. Add a drop of mounting medium (Around 5µl for a 10mm and 15µl for a 22mm coverslip) to a standard microscope slide.
2. Briefly rinse the coverslip in dH_2O before placing face down into the drop of mounting medium being careful not to introduce bubbles.
3. Use clear nail varnish to seal the edges of the coverslip to avoid movement during imaging and stop evaporation.

For more information on ICC please see our ICC protocol

Solubility & Handling

Storage instructions
+4°C or -20°C long-term. Protect from light.

Important
This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use