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# **DATASHEET**

MightyMount<sup>TM</sup> Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (hardset)

### **Product overview**

Name Cat No **Biological description**  MightyMount<sup>TM</sup> Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (hardset) HB7508

Overview

MightyMount<sup>™</sup> Antifade Fluorescence Mounting Medium with phalloidin-TRITC (hardset) 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 (hardset) - cures in approximately 1 hour at room temperature

Antifade: Yes

Counterstain: Phalloidin-TRITC

Refractive index: ≈1.45 (initial) which then increases to ≈1.518 once cured

### **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<sup>TM</sup> Antifade Fluorescence Mounting Medium with DAPI (hardset)
- ◆ HB7033 MightyMount<sup>™</sup> Antifade Fluorescence Mounting Medium with Propidium Iodide (hardset)

## Aqueous:

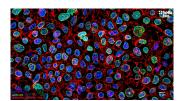
- HB9854 MightyMount<sup>TM</sup> Antifade Fluorescence Mounting Medium (aqueous)
  HB7618 MightyMount<sup>TM</sup> Antifade Fluorescence Mounting Medium with DAPI (aqueous)
- HB8761 MightyMount<sup>TM</sup> Antifade Fluorescence Mounting Medium with Propidium Iodide
- HB9417 MightyMount<sup>™</sup>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

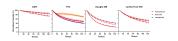
ICC, IF, IHC(IF)

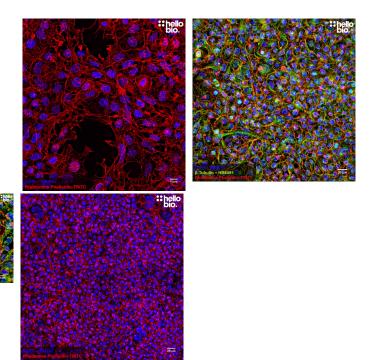
Antifade fluorescence hard-set mounting medium with Phalloidin-TRITC for use in ICC.

# **Applications** Description

## **Images**







## **Biological Data**

### **Application notes**

### Protocol for use of mounting media

Once mounted, store slides at 4°C in the dark for optimal preservation of fluorescence.

### IHC(IF)

- 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. Wrap slides in foil to prevent light exposure then allow the media to cure at 4°C overnight before imaging. If more rapid imaging is needed it is possible to accelerate the curing process by incubating slides at either room temperature or 37°C for ≈1 hour.

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  $5\mu l$  for a 10mm and  $15\mu l$  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. Wrap slides in foil to prevent light exposure then allow the media to cure at 4°C overnight before imaging. If more rapid imaging is needed it is possible to accelerate the curing process by incubating slides at either room temperature or 37°C for ≈1 hour.

For more information on ICC please see our ICC protocol

# Solubility & Handling

Storage instructions Storage of solutions

**Shipping Conditions Important** 

+4°C. Protect from light.

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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