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

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

customercare-usa@m2stage.hellobio.com



DATASHEET

MightyMountTM Antifade Fluorescence Mounting Medium with Propidium Iodide (aqueous)

Product overview

Name Cat No Biological description MightyMountTM Antifade Fluorescence Mounting Medium with Propidium Iodide (aqueous) HB8761

Overview

MightyMountTM Antifade Fluorescence Mounting Medium with propidium iodide (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 propidium iodide which is a widely used red-fluorescent intercalating agent that binds and labels nucleic acids.

Applications: IHC(IF), ICC, Cellular imaging, Super-resolution microscopy

Mounting: Aqueous (non-setting)

Antifade: Yes

Counterstain: Propidium Iodide

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 MightyMountTM Antifade Fluorescence Mounting Medium with DAPI (hardset)
- HB7033 MightyMount[™] Antifade Fluorescence Mounting Medium with Propidium Iodide (hardset)
- ◆ HB7508 MightyMountTM Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (hardset)

Aqueous:

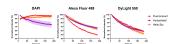
- HB9854 MightyMountTM Antifade Fluorescence Mounting Medium (aqueous)
- HB7618 MightyMountTM Antifade Fluorescence Mounting Medium with DAPI (aqueous)
- HB8761 MightyMountTM Antifade Fluorescence Mounting Medium with Propidium Iodide (aqueous)
- HB9417 MightyMountTM Antifade Fluorescence Mounting Medium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

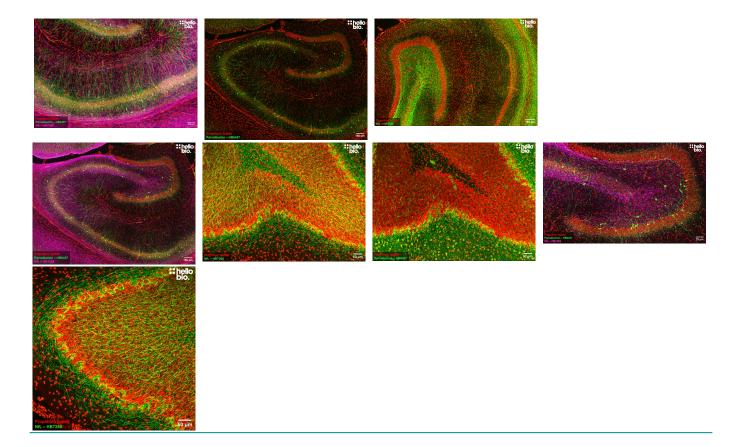
ICC, IF, IHC(IF)

Antifade aqueous fluorescence mounting medium with propidium iodide for use in IHC(IF) and ICC.

Applications Description

Images





Biological Data

Application notes

Protocol for use of mounting medialHC(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. 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 $5\mu l$ for a 10mm and $15\mu l$ for a 22mm coverslip) to a standard microscope slide.
- 2. Briefly rinse the coverslip in dH₂O before placing face down into the drop of mounting medium being careful not to introduce bubbles.
- 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 Important +4°C or -20°C long-term. Protect from light.

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