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DATASHEET

MightyMountTM Antifade Fluorescence Mounting Medium with DAPI (aqueous)

Product overview

Name Cat No **Biological description** MightyMountTM Antifade Fluorescence Mounting Medium with DAPI (aqueous)

HB7618

Overview

MightyMount[™] Antifade Fluorescence Mounting Medium with DAPI (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 DAPI which is a blue fluorescent DNA stain used to label cell nuclei.

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

Mounting: Aqueous (non-setting)

Antifade: Yes Counterstain: DAPI 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 MightyMountTM Antifade Fluorescence Mounting Medium with Propidium Iodide
- HB7508 MightyMountTM Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (hardset)

Aqueous:

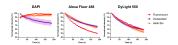
- HB9854 MightyMountTM Antifade Fluorescence Mounting Medium (aqueous)
- ◆ HB8761 MightyMount[™] Antifade Fluorescence Mounting Medium with Propidium Iodide
- HB9417 MightyMountTM Antifade Fluorescence Mounting Medium with Phalloidin-TRITC (aqueous)

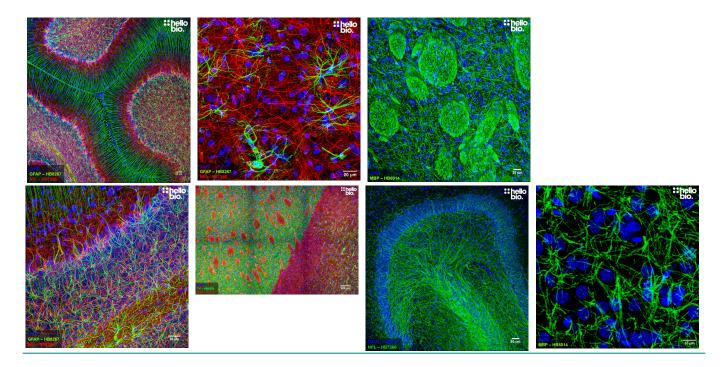
Applications Description

ICC, IF, IHC(IF)

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

Images





Biological Data

Application notes

Protocol for use of mounting medialHC(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 5μ l for a 10mm and 15 μ 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 Storage of solutions

Shipping Conditions Important +4 °C or -20 °C long-term. 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.