

## DATASHEET

### MightyMount™ Antifade Fluorescence Mounting Medium (aqueous)

#### Product overview

|                               |  |
|-------------------------------|--|
| <b>Name</b>                   | MightyMount™ Antifade Fluorescence Mounting Medium (aqueous) |
| <b>Cat No</b>                 | HB9854   |
| <b>Biological description</b> | <b>Overview</b>  |

MightyMount™ Antifade Fluorescence Mounting Medium (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.

**Applications:** IHC(IF), ICC, Cellular imaging, Super-resolution microscopy  
**Mounting:** Aqueous (non-setting)  
**Antifade:** Yes  
**Counterstain:** None  
**Refractive index:** 1.45

#### Other Mounting Media Products

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

Hardset:

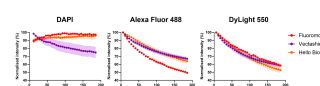
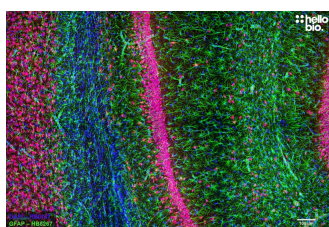
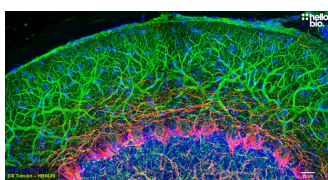
- HB6966 - MightyMount™ Antifade Fluorescence Mounting Medium (hardset)
- HB8459 - MightyMount™ Antifade Fluorescence Mounting Medium with DAPI (hardset)
- HB7033 - MightyMount™ Antifade Fluorescence Mounting Medium with Propidium Iodide (hardset)
- HB7508 - MightyMount™ Antifade Fluorescence Mounting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

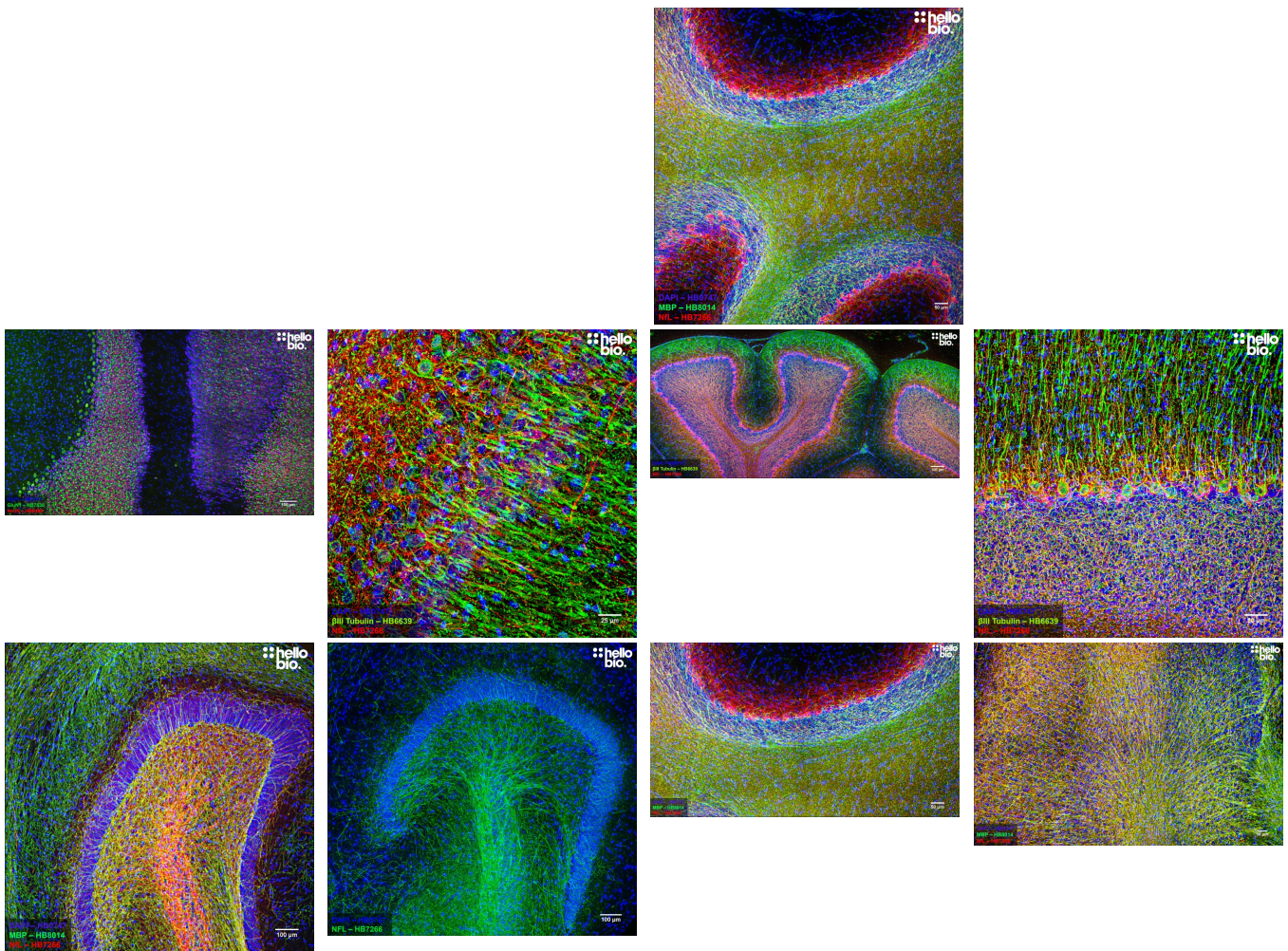
Aqueous:

- 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)

|                                 |   |
|---------------------------------|---|
| <b>Applications Description</b> | ICC, IF, IHC(IF)<br>Antifade aqueous fluorescence mounting medium 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<sub>2</sub>O 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.

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