

Anti-Fade Fluorescence Mounting Medium - Aqueous, Fluoroshield ab104135

★★★★★ [1 Abreviews](#) [31 References](#) [3 图像](#)

概述

产品名称

Anti-Fade Fluorescence 封固剂- Aqueous, Fluoroshield

常规说明

Anti-Fade Fluorescence Mounting Medium ab104135 (previously called Fluoroshield Mounting Medium) is an aqueous mounting medium designed to preserve fluorescence when imaging tissues and cell samples.

The formulation prevents rapid photobleaching of FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, Alexa Fluor[®] 488, Alexa Fluor[®] 594, Green fluorescent protein (GFP), tetramethyl rhodamine, R-Phycoerythrin (R-PE), Phycocyanin (PC), and Allophycocyanin (APC).

Fluorescence is retained during prolonged storage at 4°C in the dark. This medium does not contain phenylenediamine, which destroys immunofluorescence of Cy dyes, R-PE, PC and APC.

Mounting media products

For fluorescent cell and tissue staining, Abcam recommends this product (Fluorescence Mounting Medium ab104135), [Mounting Medium with DAPI ab104139](#), and [Mounting Medium with PI ab104129](#). For thick sections or tissues containing lots of fat, we recommend [Glycerol Mounting Medium with DAPI ab188804](#).

For chromogenic immunohistochemistry, such as with DAB, AEC, or Fast Red, we recommend aqueous [Mounting Medium ab64230](#), or organic [Limonene Mounting Medium ab104141](#).

Procedure

- Bring the vial to room temperature.
- Rinse slide to be mounted with distilled or deionized, touch the edges of slide on a paper towel to remove excess water. Place slides on a flat surface.
- Turn the vial upside down and open the dropper to remove any air bubbles.
- Apply 3-4 drops of mounting medium directly on top of the specimen and spread out evenly by tilting slide back and forth or spread evenly with a 0.2 ml plastic pipette tip making sure the tissue is not touched. Excess medium can be removed by touching the edges of slide against paper towel.
- Let stand at room temperature for about 5 minutes.
- Apply cover slip carefully avoiding air bubbles.
- The specimen is ready for visualization under a microscope.

Seal the edges of cover slip with nail polish, any organic medium or **Limonene mounting medium ab104141**. If a coverslip is not sealed, air bubbles will appear in a few days.

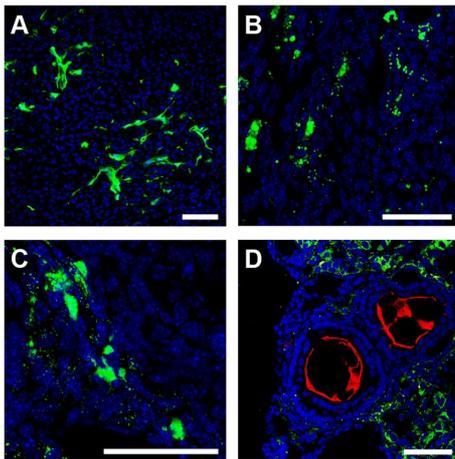
Store the slide in the dark at 2-8°C.

Removal of Coverslip Coverslip can be removed before sealing the edges. Soak slide in warm (37°C) distilled or deionized water for several minutes. Carefully and slowly move the coverslip. Soak in water for an additional few minutes to remove coverslip. Rinse slide several times with warm water to remove all mounting medium. The slide can be remounted again.

性能

形式	Liquid
存放说明	Store at +4°C. Do Not Freeze. Store In the Dark.
存储溶液	Preservative: 0.05% Sodium azide Constituent: 84% Water

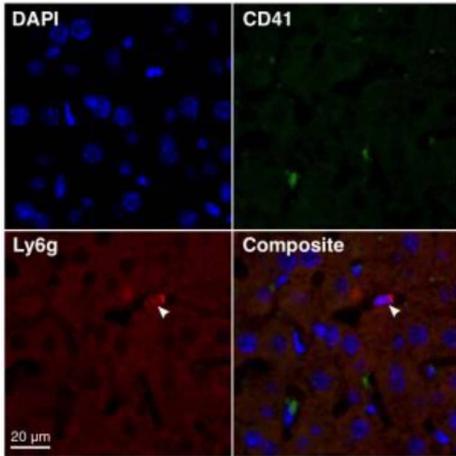
图片



Guan-Yu Xiao ,Hsuan Liu ,Chun-Chun Cheng,Chia-Chun Chang,Yen-Hua Lee,Winston Teng-Kuei Cheng,Shinn-Chih Wu
Published: September 8,
2014<https://doi.org/10.1371/journal.pone.0106538>

Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-Fade Fluorescence Mounting Medium - Aqueous, Fluoroshield (ab104135)

Image from Guan-Yu et al., PLoS One, 9(9):e106538; doi: 10.1371/journal.pone.0106538. Reproduced under the Creative Commons license <https://creativecommons.org/licenses>



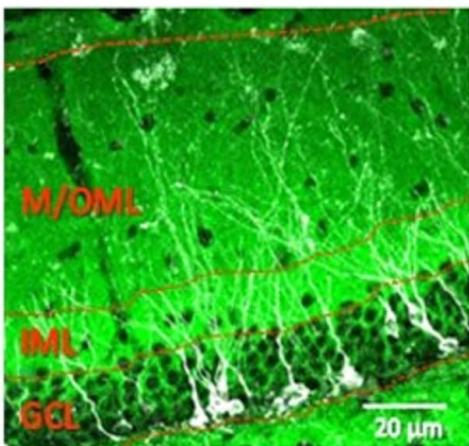
Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-Fade Fluorescence Mounting

Medium - Aqueous, Fluoroshield (ab104135)

Image from Hurley et al., PLoS One, 11(9):e0163531; doi: 10.1371/journal.pone.0163531. Reproduced under the Creative Commons license <https://creativecommons.org/licenses/>

Hurley SM, Lutay N, Holmqvist B, Shannon O (2016) The Dynamics of Platelet Activation during the Progression of Streptococcal Sepsis. PLoS ONE 11(9): e0163531.

<https://doi.org/10.1371/journal.pone.0163531>



Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-Fade Fluorescence Mounting

Medium - Aqueous, Fluoroshield (ab104135)

Image from Hurley et al., PLoS One, 11(9):e0163531; doi: 10.1371/journal.pone.0163531. Reproduced under the Creative Commons license <https://creativecommons.org/licenses/>

Dioli C, Patrício P, Sousa N, et al. Chronic stress triggers divergent dendritic alterations in immature neurons of the adult hippocampus, depending on their ultimate terminal fields. Transl Psychiatry.

2019;9(1):143. Published 2019 Apr 26. doi:10.1038/s41398-019-0477-7

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors