

Developed for Fluorescence Light Microscopy

MOUNTING MEDIA

AD
MOUNT



Developed in partnership with the Institute of Molecular Genetics CAS CZ
Field-tested within real-world research projects
Available in three specialized formulations

Choosing the right mounting media is a crucial step that directly impacts the quality of microscopy images. Find here all the information you need to make the optimal selection for your own experiment.

For further details, please read this brochure or visit our website.



AD MOUNT



AD-Mount-F

Cat. No.: ADM-001 | 1.5 ml

Cat. No.: ADM-002 | 5x 1.5 ml

AD-Mount-F-DAPI

Cat. No.: ADM-003 | 1.5 ml

Cat. No.: ADM-003 | 5x 1.5 ml



UNIVERSAL MOUNTING MEDIUM

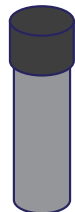
As far as is known, this mounting medium has no contraindications for use with a wide variety of fluorophores, whether from the family of expression proteins (such as EGFP, mCherry, etc.) or synthetic fluorescent labels (like Alexa, Atto, Abberior STAR, etc.). It is also safe for use with SiR labeling. The medium effectively preserves fluorescence and minimizes photo-bleaching. Samples mounted in this medium can have a shelf-life ranging from months to years, depending on the sample type and the staining method used. Since this is a non-hardening mounting medium, biological structures remain undeformed, making it safe for mounting even larger, more fragile structures.



Non-hardening
Refractive index: 1.45

<https://www.advi-web.com/en/ad-mount-f/>

AD MOUNT



AD-Mount-S

Cat. No.: ADM-001 | 1.5 ml

Cat. No.: ADM-002 | 5x 1.5 ml

AD-Mount-S-DAPI

Cat. No.: ADM-003 | 1.5 ml

Cat. No.: ADM-004 | 5x 1.5 ml

S superior

SUPERIOR STABILITY MOUNTING MEDIUM

Specimens mounted in this mounting medium are characterized primarily by their high fluorescence stability. The anti-fade effect is not limited to a significant reduction in photo-bleaching; when working with higher laser intensities, fluorophores are less likely to transition into a dark state. This results in a stable photon yield during imaging, thanks to the effective anti-fade properties. This feature is particularly crucial for imaging techniques that subject the sample to high excitation stress, such as high-resolution confocal imaging, STED, or SIM super-resolution microscopy.

The medium is non-hardening, preventing any deformation of biological structures. **It is not recommended for use with expression proteins like EGFP or mCherry, where decreases in fluorescence have been reported.** For synthetic fluorophores, however, it offers a high degree of protection.



Non-hardening
Refractive index: 1.47

<https://www.advi-web.com/en/ad-mount-s/>

AD MOUNT



AD-Mount-C

Cat. No.: ADM-009 | 1.5 ml

Cat. No.: ADM-010 | 5x 1.5 ml

C clear

CLEAR VIEW THROUGH THE SAMPLE

This mounting medium is specifically designed for applications where it's critical to minimize the impact of spherical aberrations, such as blurring of structures at greater depths, accompanied by a drop in intensity and undesirable stretching of shapes along the Z-axis perpendicular to the objective lens. The mounting medium boasts a high refractive index, matching that of glass or immersion oil. Additionally, it provides a clearing effect on biological structures.

The medium is non-hardening, thus avoiding the deformation of biological specimens. It is highly recommended for confocal and super-resolution imaging. **It is not advised for use with expression proteins like EGFP or mCherry, where decreases in fluorescence have been reported. Use with silicon rhodamines (SiR) is also not recommended.** For synthetic fluorophores, however, it offers a high level of protection.



Non-hardening
Refractive index: 1.52

<https://www.advi-web.com/en/ad-mount-c/>