

# Why choosing the right mounting media matters

In fluorescence microscopy, the choice of mounting media can make or break the quality of your images. A carefully selected medium stabilizes fluorescent signals, preserves the integrity of delicate structures, and ensures long-term protection, all while maintaining the optical clarity needed for high-resolution imaging. An unsuitable medium can lead to signal fading, structural damage, or compromised results, affecting the reliability of your experiment.

Now, you're looking at mounting media developed in collaboration with the Institute of Molecular Genetics (IMG) of the Czech Academy of Sciences. These media have been tested in real-world research, designed to provide unmatched fluorescence stability and protection for even the most sensitive biological samples. With these formulations, you can be confident in achieving consistent, high-quality results, no matter the microscopy technique.



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| AD-MOUNT F                                                                                                                                                                                                                                             | AD-MOUNT S                                                                                                                                                                                                                                               | AD-MOUNT C                                                                                                                                                                                                                                                              | AD-MOUNT H                                                                                                                                                                                                                                      |
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| <br>                                                                                 | <br>                                                                               | <br>                                                                                              | <br>                                                                      |
| Universal Application<br>Refractive index: 1.45<br>Non-hardening<br>All fluorophores                                                                                                                                                                   | Superior Stability<br>Refractive index: 1.47<br>Non-hardening<br>Synthetic dyes                                                                                                                                                                          | Clear view<br>Refractive index: 1.518<br>Non-hardening<br>Synthetic dyes                                                                                                                                                                                                | Universal Application<br>Refractive index: 1.45<br>Hardening<br>All fluorophores                                                                                                                                                                |
| Universal mounting medium accommodates a wide-range of fluorophore types. It offers optimized photo-bleaching and fluorescence fading, effectively preserving an integrity and a shape of biological structures. Designed for long storage of samples. | Superior Stability mounting medium ensures robust stabilization of fluorescence signal, minimizes photo bleaching in all commonly used synthetic dyes. Preserves the integrity and shape of biological structures. Designed for long storage of samples. | Specifically formulated for high- and super-resolution microscopy. High refractive index, exceptional clearing capabilities, and fluorescence signal stabilization effect. Suitable for commonly used synthetic dyes, but <b>not suitable for expressions and SiR</b> . | Universal hardening mounting medium for all fluorophore types. It offers long term stabilization of structures (like phalloidin-stained actin), dyes, minimizing photo-bleaching and fluorescence fading. Designed for long storage of samples. |