Sellex,Inc.
www.sellex.com

Você já conhece o VectaShield?

VECTOR LABORATORIES
part of Maravai LifeSciences

Choosing an effective mounting medium is especially important for immunofluorescence imaging. Fluorophores are susceptible to photobleaching and fading from both the imaging excitation light and during storage. The right mounting medium will protect your samples for short- and long-term use and archiving.

VECTASHIELD® Antifade Mounting Media formulations offer unsurpassed protection against fading and photobleaching. The VECTASHIELD® and VECTASHIELD® HardSet™ Antifade Mounting Media are well-established, market-leading products that complete the workflow and provide excellent signal retention for image acquisition and specimen archiving.

Key Advantages

- Inhibits photobleaching of most fluorophores, dyes, fluorescent proteins and stains
- Ideal refractive index
- Ready to use, no warming necessary
- Continues to inhibit photobleaching even after prolonged storage of mounted slides
- Easy-to-use
- With or without nuclear or cytoskeletal counterstain
- Hardening or non-hardening formulations

VECTASHIELD®
The MOST widely referenced antifade mounting media!

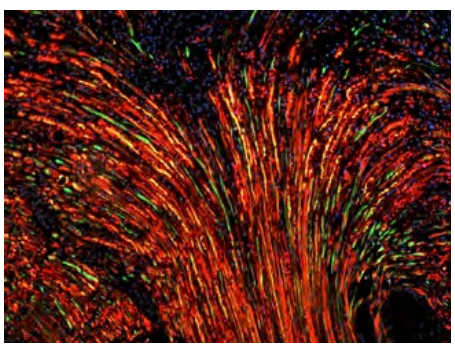
VECTASHIELD® Antifade Mounting Medium

VECTASHIELD® Antifade Mounting Medium is a glycerol-based, aqueous mountant that remains a viscous liquid on the slide rather than solidifying. After mounting, cover-slipped slides will not readily dry out, enabling you to review them for weeks without the need for sealing. For prolonged storage, coverslips can be permanently sealed with nail polish applied on the coverslip perimeter.

VECTASHIELD® HardSet™ Antifade Mounting Medium

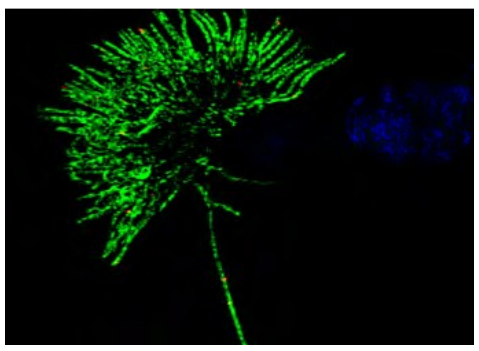
VECTASHIELD® HardSet™ Antifade Mounting Medium is an aqueous mountant that hardens at room temperature in as little as 20 minutes. This mounting medium provides easy slide handling, eliminates the need to secure the coverslip with nail polish, and is convenient for use with oil immersion microscopy. Available with or without DAPI or TRITC-phalloidin counterstain.

Tissue Sections



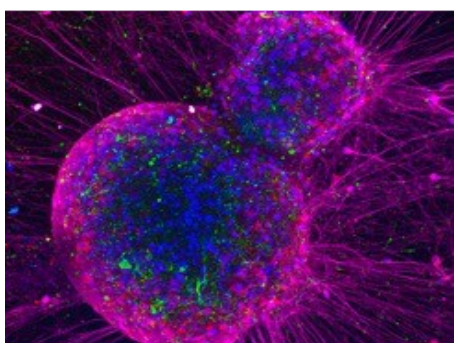
Rat muscle (FFPE): GFAP (red) and NF200 (green). Counterstained and coverslipped with VECTASHIELD® Mounting Medium with DAPI (blue). The double IF was performed by Dr. Lynn Dong, Dept of Biomedical Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY, USA.

Super Resolution



Structured illumination super resolution photomicrograph of a ciliated bovine airway epithelial cell labeled for acetylated alpha tubulin (cilia marker; green), and phosphodiesterase 5 (red). Coverslipped using VECTASHIELD® HardSet™ Antifade Mounting Medium with DAPI (H-1200; nuclei, blue). Sample prepared and image taken by Michael E. Price, University of Nebraska Medical Center. With assistance of Janice A. Taylor and James R. Talaska, Advanced Microscopy Core Facility, University of Nebraska Medical Center, NE, USA.

Cell Culture



Human embryonic stem cell (hESC)-derived neurons stained with Brn3a (Green), Peripherin (Red), Beta-3 Tubulin (Magenta). Coverslipped using VECTASHIELD® Antifade Mounting Medium with DAPI (H-1200; nuclei, blue). Image courtesy of Michael Yee, Kinchington Lab, Department of Ophthalmology, University of Pittsburgh, USA.

Product	No Counterstain	With DAPI Counterstain	With PI Counterstain	TRITC-Phalloidin
VECTASHIELD® Mounting Medium (non-hardening)	H-1000	H-1200	H-1300	
VECTASHIELD® HardSet™ Mounting Medium (hardening)	H-1400	H-1500		H-1600