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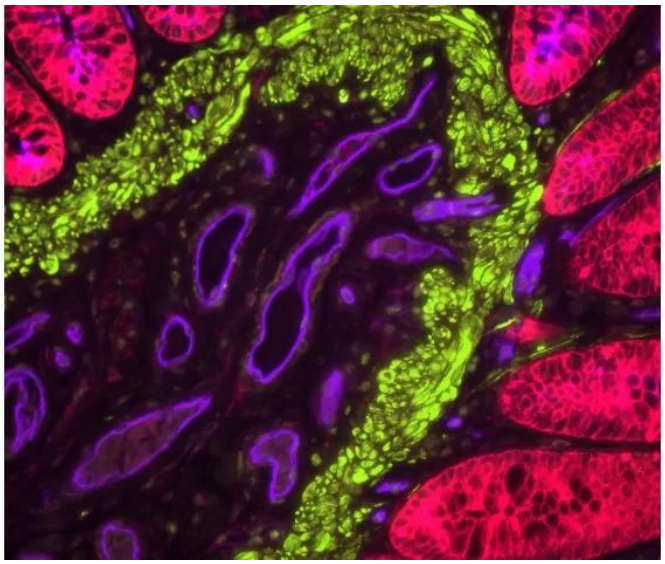
VECTASHIELD® PLUS ANTIFADE MOUNTING MEDIUM

SKU: H-1900



Description

VECTASHIELD PLUS protects against fading across the visible spectrum, even under far-red wavelengths. It is compatible with most commercially available fluorophores. This new formulation of non-setting media improves upon the original VECTASHIELD products. Specifically, VECTASHIELD PLUS exhibits no inherent background or toning and provides superior fluorophore signal retention across the spectrum, including far-red wavelengths.

Features:

- No inherent toning or background
- Superior signal retention across the spectrum from blue to far red
- Mounted sections can be viewed immediately
- Available in two convenient sizes
- Superior non-setting formulation

Specifications

Unit Size	2 ml, 10 ml

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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Applications	Immunofluorescence, In situ hybridization
Recommended Storage	2-8 ºC
Mounting	Aqueous (Non-Hardening)
Antifade	Yes
Counterstain	None

Technical Information

The refractive index for VECTASHIELD Mounting Medium is 1.45.

VECTASHIELD PLUS Mounting Medium does not solidify, but rather, remains a liquid on the slide—which can then be stored without sealing. If desired, coverslips can be sealed around the perimeter using nail polish or plastic sealant. Mounted slides should be stored at 2-8 °C and protected from light.

VECTASHIELD Mounting Medium Antifade Comparison

Other manufacturers measure the antifade properties of their mountants using labeled microspheres or arrayed spots. Vector Labs prefers to measure antifade properties of VECTASHIELD mountants using frozen tissue sections that have been immunohistochemically stained with fluorescently labeled secondary antibodies. Antifade capability is then measured using a 40x objective with real time imaging over 30 seconds of continuous exposure to the excitation illumination. Individual intensity measurements are recorded from 6 separate labeled regions and the average is calculated. The intensity after 30 second exposure is expressed as a percentage of the intensity at zero time. The values for PG are taken from the manufacturer’s published results.

GALLERY IMAGES

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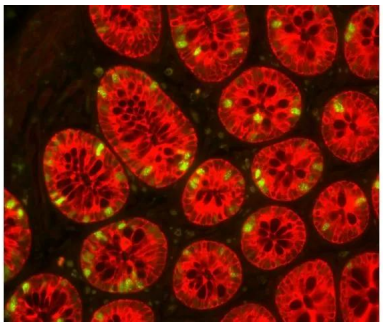

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