Product Datasheet

VECTASHIELD(R) HardSet(TM) Antifade Mounting Medium with DAPI

H-1500-NB

Unit Size: 10 ml

Store at 4C in the dark.

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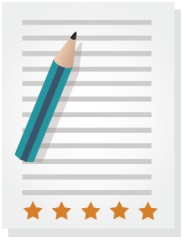
Updated 10/23/2024 v.20.1



H-1500-NB

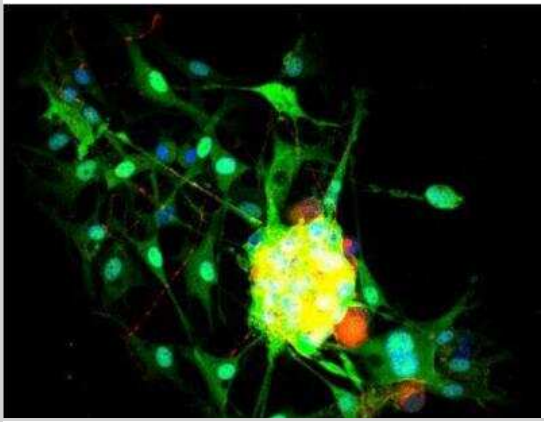
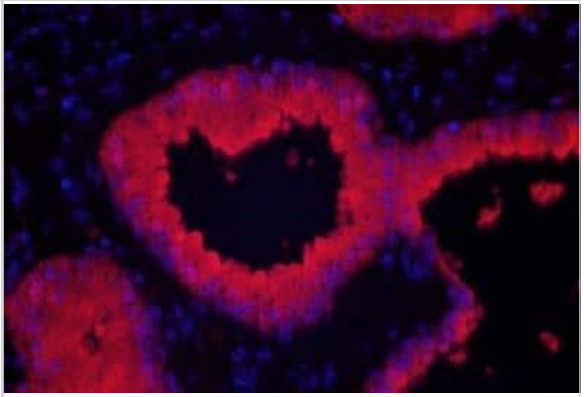
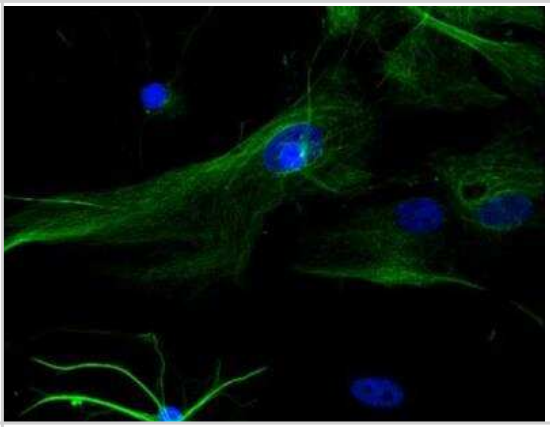
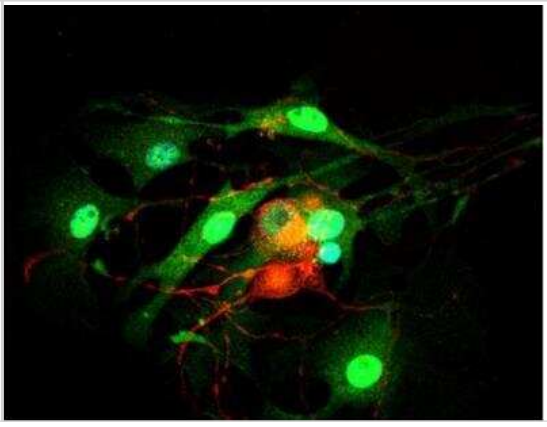
VECTASHIELD(R) HardSet(TM) Antifade Mounting Medium with DAPI

Product Information	
Unit Size	10 ml
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at 4C in the dark.

Product Description	
Description	VECTASHIELD Hardset Antifade Mounting Medium with DAPI is a unique, stable formula for preserving fluorescence. VECTASHIELD Hardset Mounting Medium with DAPI prevents rapid photobleaching of fluorescent proteins and fluorescent dyes. **Features:** Inhibits photobleaching of fluorescent dyes and fluorescent proteins Ideal refractive index (1.45) Ready-to-use No warming necessary Can be stored without sealing for long term analysis Hardening formulation DAPI counterstain VECTASHIELD HardSet Mounting Medium preserves fluorescence and hardens after coverslipping. After approximately 15 minutes at room temperature, the coverslip will become immobilized, and optimal antifade ability and refractive index will be achieved. VECTASHIELD Mounting Media are compatible with a wide array of fluorochromes, enzymatic substrates, and fluorescent proteins. The DAPI concentration can be modified by mixing with the corresponding VECTASHIELD Mounting Medium without DAPI. DAPI produces a blue fluorescence when bound to DNA with excitation at about 360 nm and emission at 460 nm.
Notes	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, In-situ Hybridization, Cellular Imaging
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence, In-situ Hybridization, Cellular Imaging
Application Notes	Refractive index is 1.46. NOTE: This product has a six month expiration date.

Images

Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Dorsal root ganglia cells (neurons and satellite glia) - double label. BIII tubulin, DyLight 549 labeled secondary antibody (red). S100, DyLight 488 labeled secondary antibody (green). Mounted in VECTASHIELD HardSet Mounting Medium with DAPI.	
Immunohistochemistry: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Prostate Specific Antigen (rp) labeled with fluorescein using the ProtOn Fluorescein Labeling Kit. Fluorescein label detected with Alkaline Phosphatase Anti-Fluorescein and visualized with Vector Red. Mounted in VECTASHIELD HardSet Mounting Medium	
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Astrocytes: Stained for GFAP and detected with Dylight 488 labeled secondary antibody. Mounted in VECTASHIELD HardSet Mounting Medium with DAPI. Image courtesy of Dr Emma East, Department of Life Sciences, The Open University, U.K.*	
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Dorsal root ganglia cells (neurons and satellite glia) - double label. BIII tubulin, DyLight 594 labeled secondary antibody (red). S100, DyLight 488 labeled secondary antibody (green). Mounted in VECTASHIELD HardSet Mounting Medium with DAPI.	

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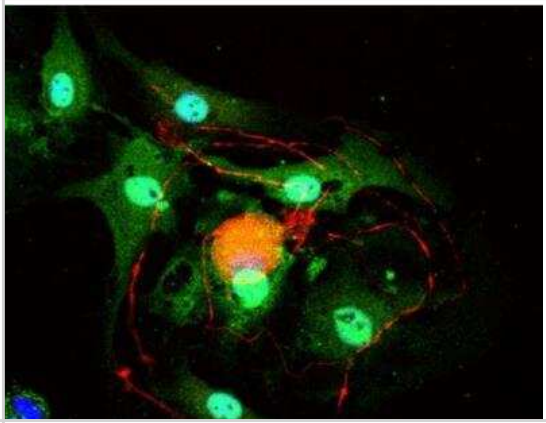

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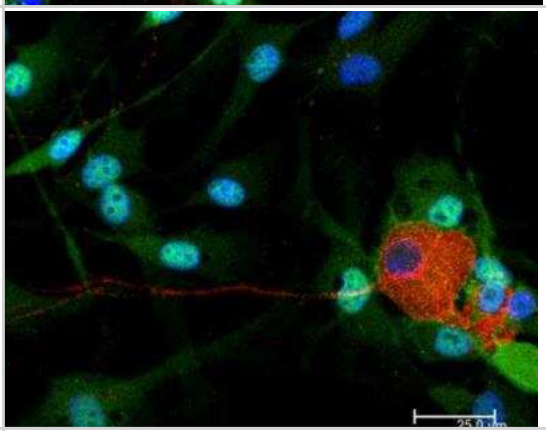

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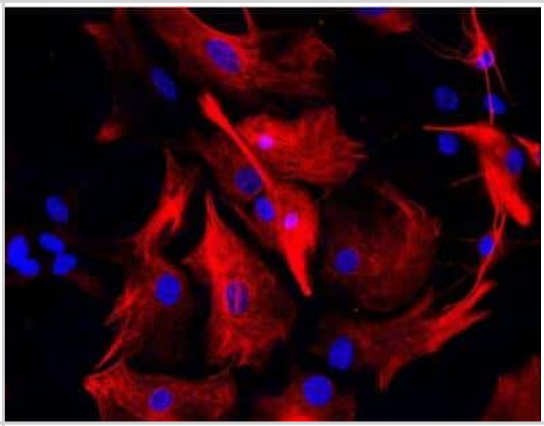

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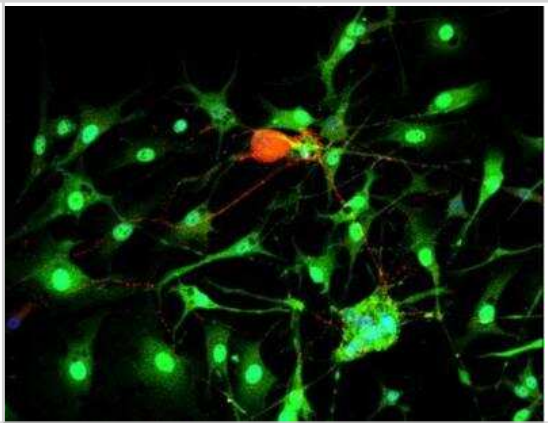
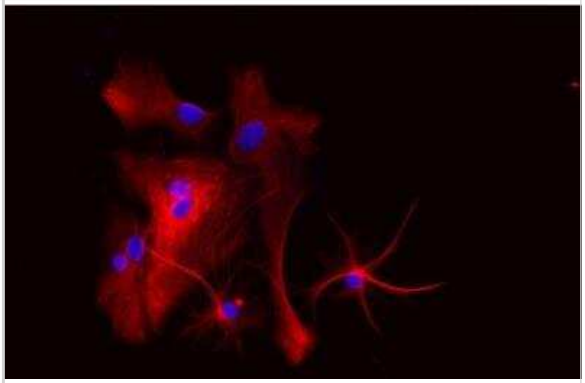
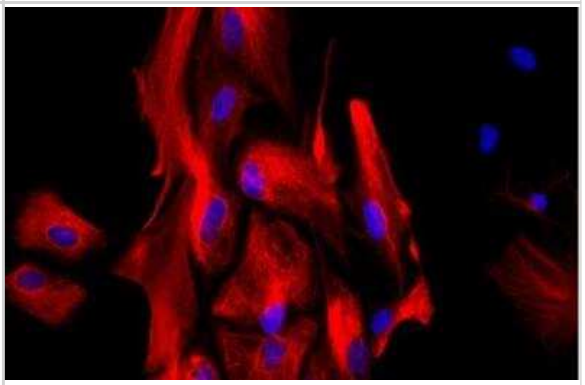
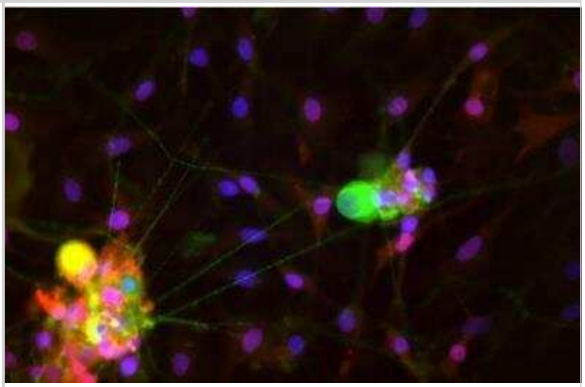
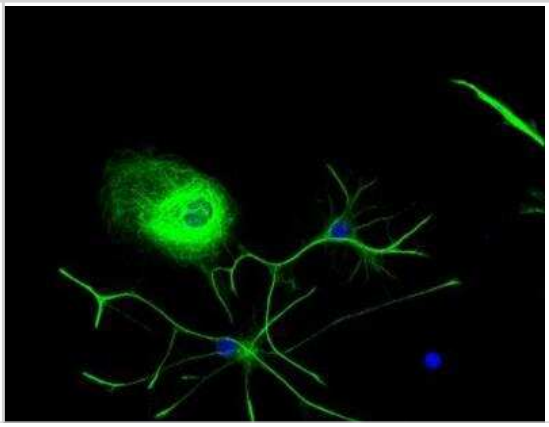


Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Astrocytes: Stained for GFAP and detected with Dylight 594 labeled secondary antibody. Mounted in VECTASHIELD HardSet Mounting Medium with DAPI. Image courtesy of Dr Emma East, Department of Life Sciences, The Open University, U.K.*	
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Astrocytes: Stained for GFAP and detected with Dylight 549 labeled secondary antibody. Mounted in VECTASHIELD HardSet Mounting Medium with DAPI. Image courtesy of Dr Emma East, Department of Life Sciences, The Open University, U.K.*	
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Dorsal root ganglia cells (neurons and satellite glia) - double label. BIII tubulin, DyLight 488 labeled secondary antibody (green). S100, DyLight 594 labeled secondary antibody (red). Mounted in VECTASHIELD HardSet Mounting Medium with DAPI.	
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Astrocytes: Stained for GFAP and detected with Dylight 488 labeled secondary antibody. Mounted in VECTASHIELD HardSet Mounting Medium with DAPI. Image courtesy of Dr Emma East, Department of Life Sciences, The Open University, U.K.*	

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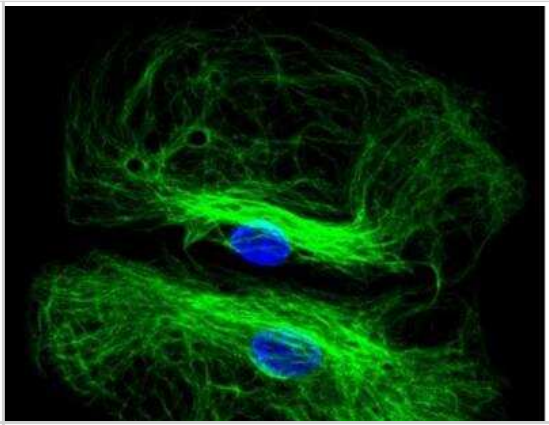

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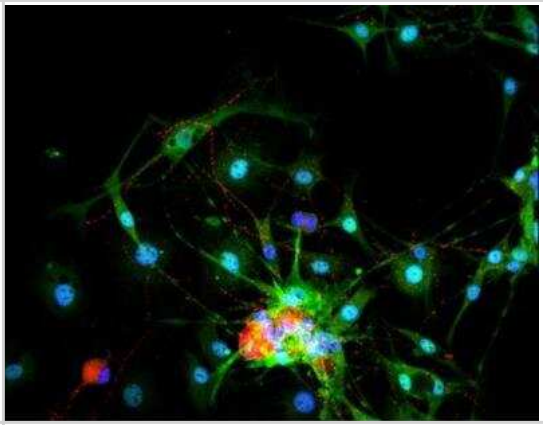

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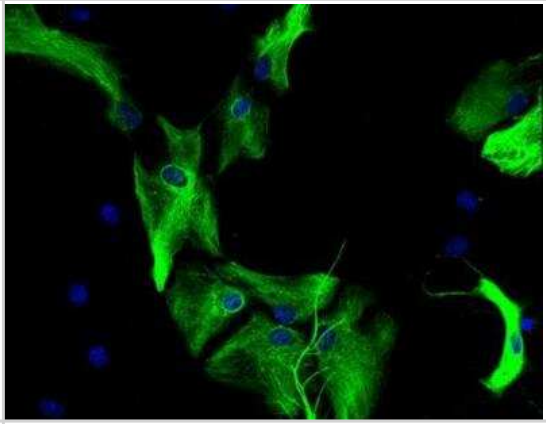

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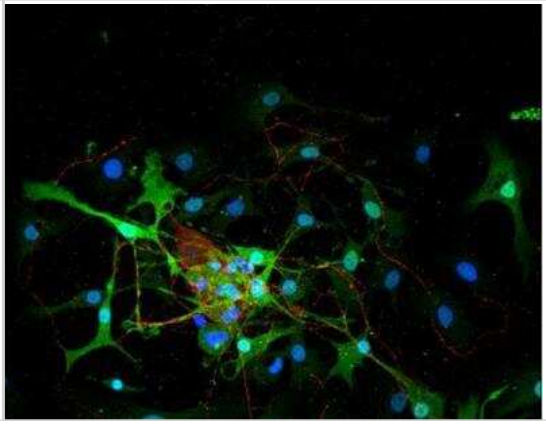

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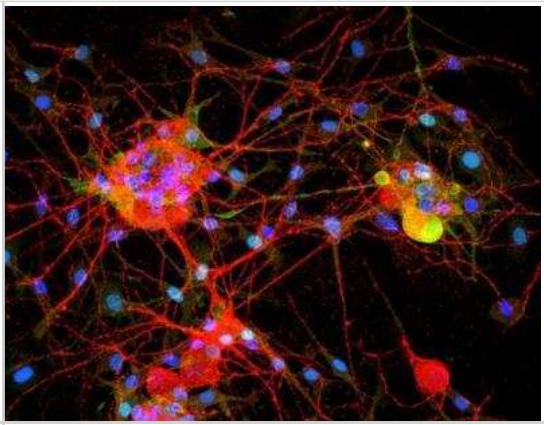

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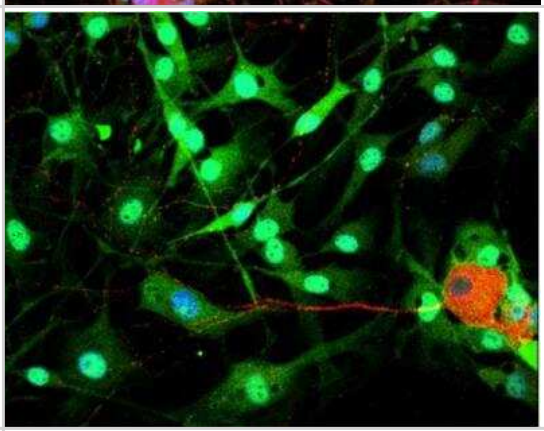

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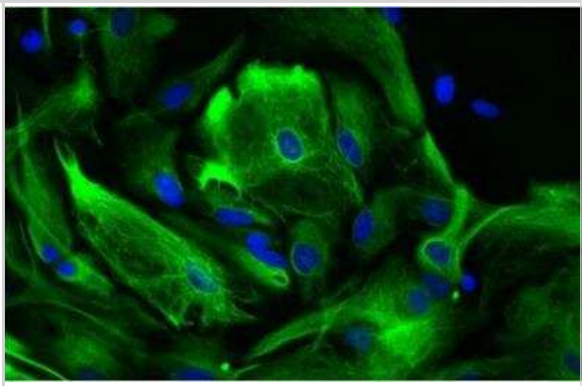

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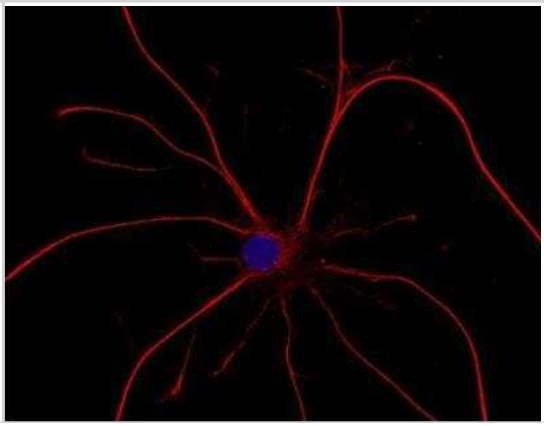
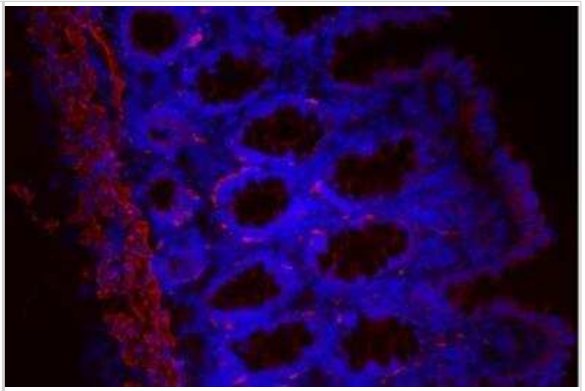
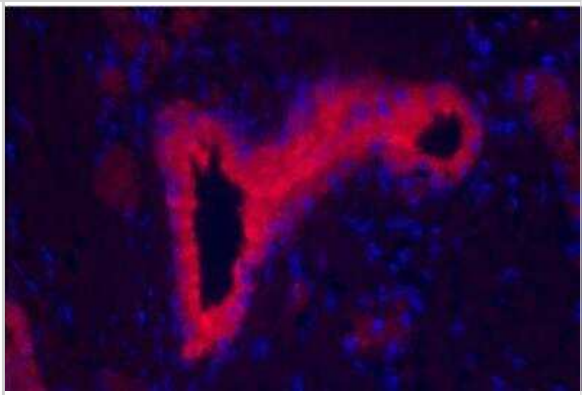
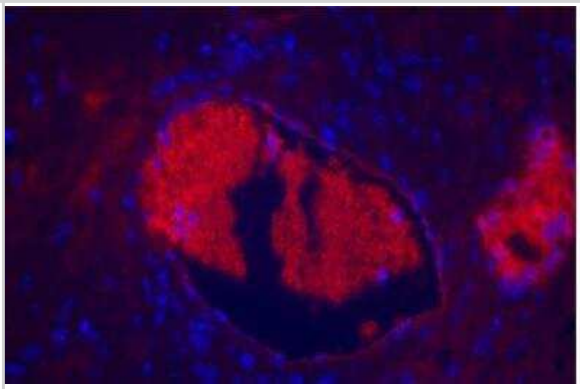
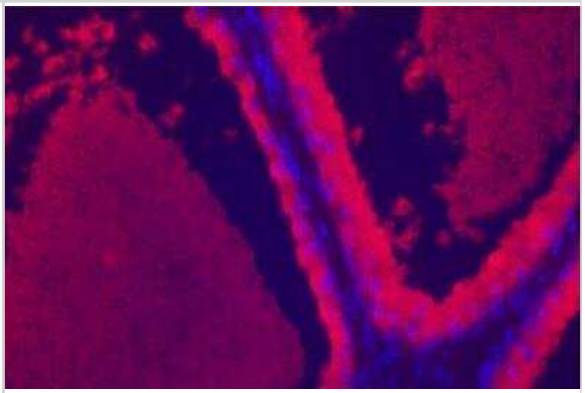
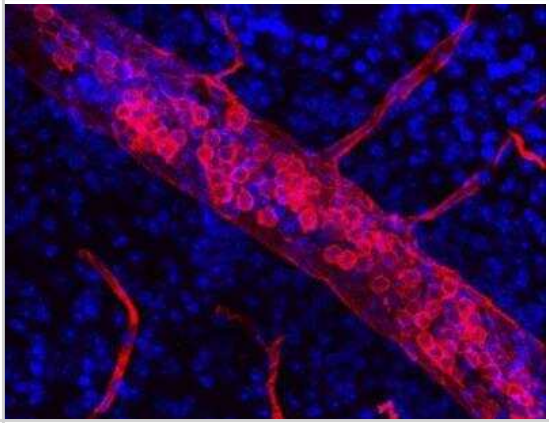
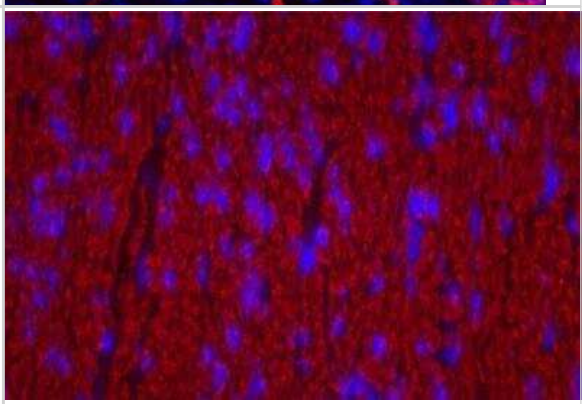
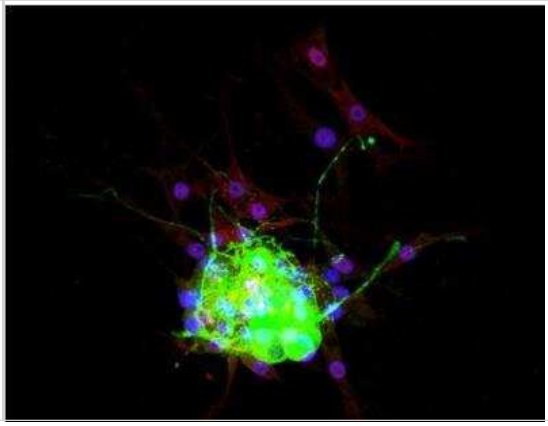


Immunohistochemistry: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Colon: Desmin (m), Biotinylated Horse anti-mouse IgG, Texas Red Avidin DCS (red). Mounted in VECTASHIELD HardSet Mounting Medium with DAPI.	
Immunohistochemistry: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Prostate: Prostate Specific Antigen (rp) labeled with fluorescein using the ProtOn Fluorescein Labeling Kit. Fluorescein label detected with Alkaline Phosphatase Anti-Fluorescein and visualized with Vector Red. Mounted in VECTASHIELD HardSet Mounting Medium	
Immunohistochemistry: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Prostate: Prostate Specific Antigen (rp) labeled with fluorescein using the ProtOn Fluorescein Labeling Kit. Fluorescein label detected with Alkaline Phosphatase Anti-Fluorescein and visualized with Vector Red. Mounted in VECTASHIELD HardSet Mounting Mediu	
Immunohistochemistry: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Prostate: Prostate Specific Antigen (rp) labeled with fluorescein using the ProtOn Fluorescein Labeling Kit. Fluorescein label detected with Alkaline Phosphatase Anti-Fluorescein and visualized with Vector Red. Mounted in VECTASHIELD HardSet Mounting Medium	

Immunohistochemistry: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Retina from mice, perfused with DyLight 594-LEL. The retina were sectioned and mounted in Vectashield HardSet+DAPI. Image courtesy of George W. Smith, Florida Atlantic University	
Immunohistochemistry: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Colon: Desmin (m), Biotinylated Horse anti-mouse IgG, Texas Red Avidin DCS (red). Mounted in VECTASHIELD HardSet Mounting Medium with DAPI.	
Cellular Imaging: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with DAPI [H-1500-NB] - Dorsal root ganglia cells (neurons and satellite glia) - double label. BIII tubulin, DyLight 488 labeled secondary antibody (green). S100, DyLight 594 labeled secondary antibody (red). Mounted in VECTASHIELD HardSet Mounting Medium with DAPI	

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Limitations
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