

Product Datasheet

VECTASHIELD(R) HardSet(TM) Antifade Mounting Medium with Phalloidin H-1600-NB

Unit Size: 10 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H-1600-NB

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H-1600-NB



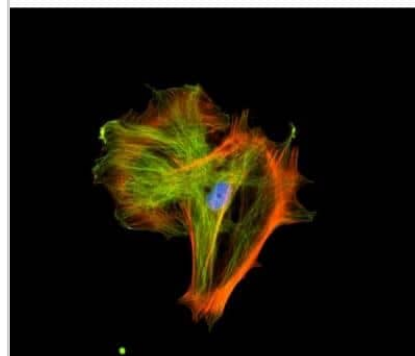
H-1600-NB**VECTASHIELD(R) HardSet(TM) Antifade Mounting Medium with Phalloidin**

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	<p>VECTASHIELD Antifade Mounting Medium is a unique, stable formula for preserving fluorescence. VECTASHIELD Mounting Medium prevents rapid photobleaching of fluorescent proteins and fluorescent dyes.</p> <p>Features:</p> <p>Inhibits photobleaching of fluorescent dyes and fluorescent proteins Ideal refractive index (1.45) Ready-to-use - from the refrigerator to the benchtop No warming necessary Can be stored without sealing for long term analysis Hardening formulation TRITC-Phalloidin counterstain</p> <p>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.</p> <p>VECTASHIELD HardSet Mounting Media are compatible with a wide array of fluorochromes, enzymatic substrates, and fluorescent proteins. This special formulation of VECTASHIELD HardSet Mounting Medium contains TRITC-phalloidin. Phalloidin is a bicyclic heptapeptide that specifically binds at the interface between the F-actin subunits. Fluorescent derivatives of phalloidin are used to stain actin filaments.</p> <p>TRITC (tetramethylrhodamine) is excited at 544 nm and emits at 572 nm, producing an orange-red fluorescence.</p>
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	The refractive index is 1.46.

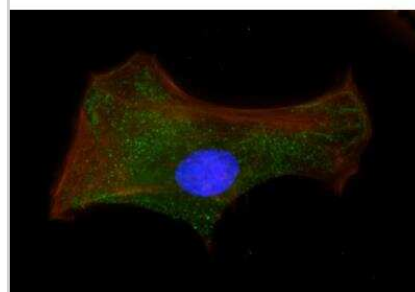


Images

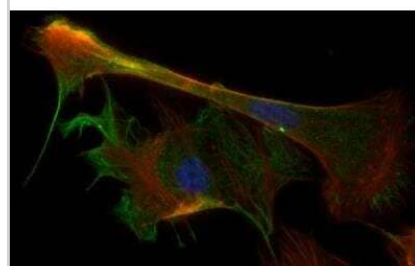
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonic fibroblast stained with mouse anti-tubulin followed by fluorescein horse anti-mouse IgG and mounted in VECTASHIELD HardSet Mounting Medium with DAPI and TRITC-Phalloidin.



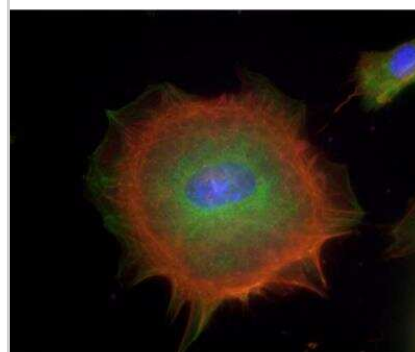
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Cytokeratin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



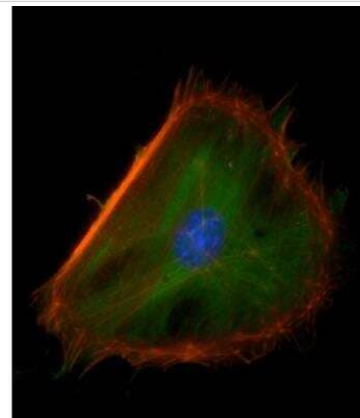
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Cytokeratin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



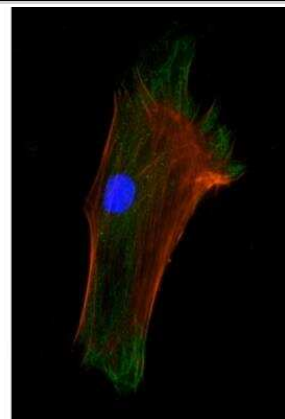
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Tubulin (m) detected with DyLight 488 Anti-Mouse IgG and Vinculin (rp) detected with DyLight 649 Anti-Rabbit IgG. Mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium.



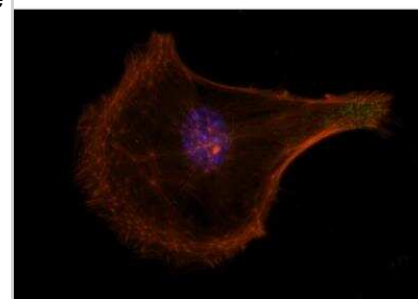
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Clathrin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



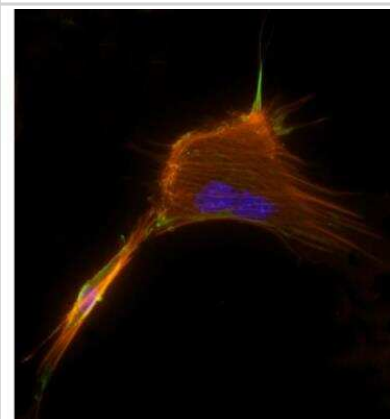
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Cytokeratin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



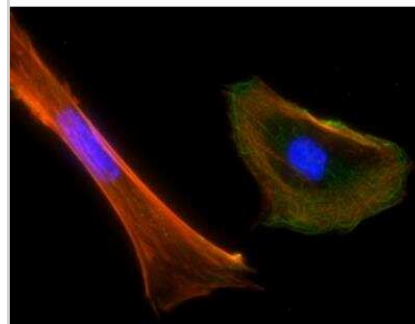
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Integrin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



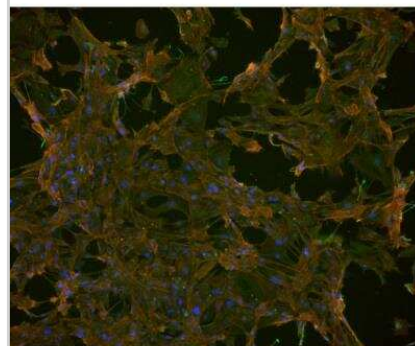
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Clathrin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



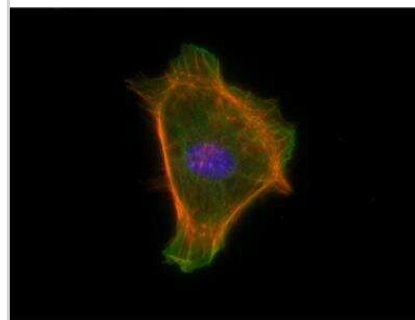
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Clathrin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



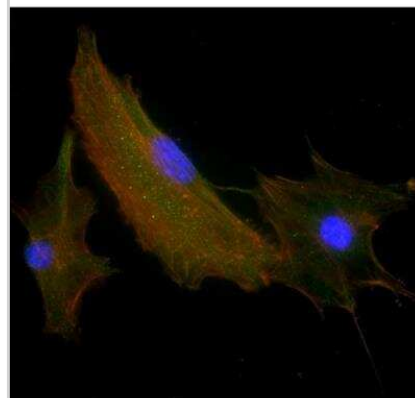
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Cytokeratin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



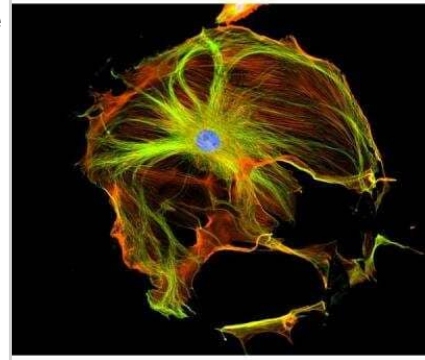
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Tubulin (m) detected with DyLight 488 Anti-Mouse IgG and Vinculin (rp) detected with DyLight 649 Anti-Rabbit IgG. Mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium



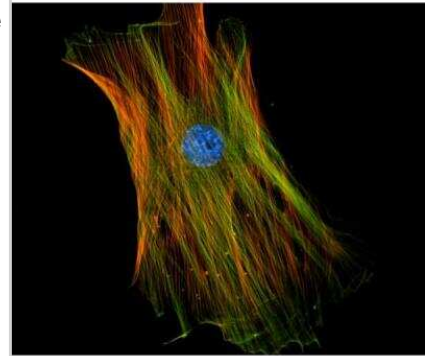
Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonal fibroblasts: Anti-Integrin (m) detected with DyLight 488 Anti-Mouse IgG, mounted in a 1:1 mixture of VECTASHIELD HardSet Mounting Medium with DAPI and VECTASHIELD HardSet Mounting Medium with TRITC-Phalloidin.



Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonic fibroblast stained with mouse anti-tubulin followed by fluorescein horse anti-mouse IgG and mounted in VECTASHIELD HardSet Mounting Medium with DAPI and TRITC-Phalloidin.



Immunocytochemistry/Immunofluorescence: VECTASHIELD(R) Hard Set(TM) Antifade Mounting Medium with Phalloidin [H-1600-NB] - Mouse embryonic fibroblast stained with mouse anti-tubulin followed by fluorescein horse anti-mouse IgG and mounted in VECTASHIELD HardSet Mounting Medium with DAPI and TRITC-Phalloidin.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H-1600-NB

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

