

# Product Datasheet

## VECTASTAIN(R) ABC anti-Mouse IgG AP Immunodetection Kit AK-5002-NB

Unit Size: 1 Kit

Store at 4C. Do not freeze.

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Updated 10/23/2024 v.20.1

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**AK-5002-NB****VECTASTAIN(R) ABC anti-Mouse IgG AP Immunodetection Kit**

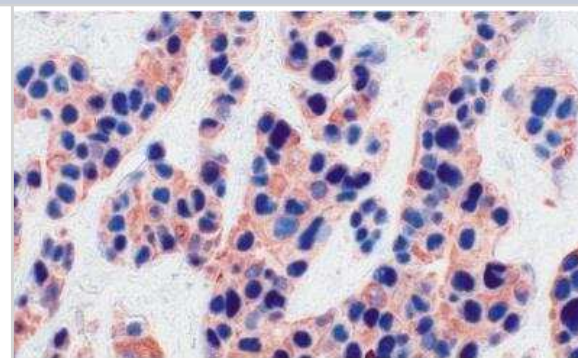
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at 4C. Do not freeze.

<b>Product Description</b>	
<b>Description</b>	<b>Features:</b> Alkaline phosphatase enzyme detection system Avidin/biotin technology High sensitivity/low background Preferred for tissues that have high endogenous peroxidase activity Offers additional substrate choices Used as a second label in multiple antigen labeling applications
<b>Species</b>	Mouse
<b>Kit Components</b>	Blocking Serum (Normal Serum) - 3 mL, Biotinylated horse anti-mouse IgG secondary antibody - 1 mL, Reagent A (Avidin DH) - 2 mL, Reagent B (Biotinylated Alkaline Phosphatase H) - 2 mL
<b>Notes</b>	This product is manufactured by Vector Laboratories and distributed by Novus Biologicals.

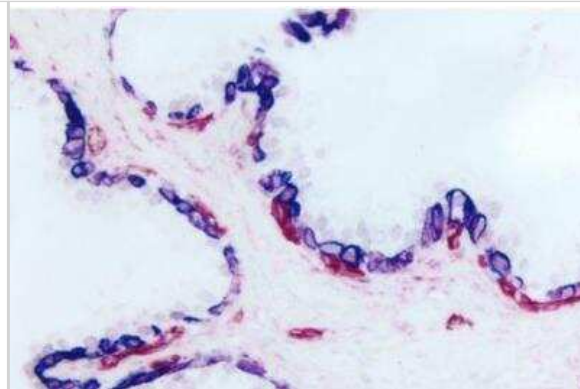
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, In-situ Hybridization, Enzyme-linked Immunosorbent Spot
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, In-situ Hybridization, Enzyme-linked Immunosorbent Spot
<b>Application Notes</b>	This kit is sufficient to stain approximately 1000-2000 sections or fifty 100 cm <sup>2</sup> blots.

**Images**

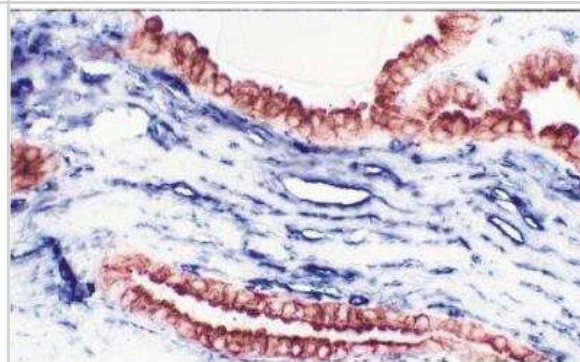
Immunohistochemistry: Vectastain(R) ABC anti-Mouse IgG AP Immunodetection Kit [AK-5002-NB] - Tumor (double label): p53 (m), VECTASTAIN ABC-AP Kit, Vector Blue substrate (blue); Multi-Cytokeratin (m), VECTASTAIN Elite ABC Kit, AEC substrate (red).



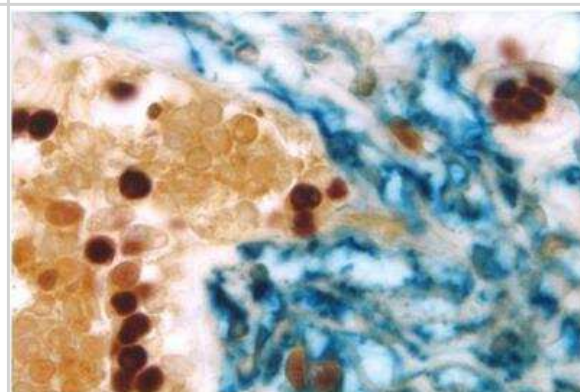
Immunohistochemistry: Vectastain(R) ABC anti-Mouse IgG AP Immunodetection Kit [AK-5002-NB] - Prostate (double label): Cytokeratin (m), VECTASTAIN ABC-AP Kit, Vector Blue (blue) substrate. CD34, VECTASTAIN ABC-AP Kit, Vector Red (red) substrate.



Immunohistochemistry: Vectastain(R) ABC anti-Mouse IgG AP Immunodetection Kit [AK-5002-NB] - Tumor (double label): Cytokeratin, VECTASTAIN Elite ABC Kit, Vector NovaRED (red) substrate. CD34, VECTASTAIN ABC-AP Kit, BCIP/NBT (blue) substrate.



Immunohistochemistry: Vectastain(R) ABC anti-Mouse IgG AP Immunodetection Kit [AK-5002-NB] - Breast Carcinoma (triple label): Estrogen Receptor (m), VECTASTAIN Elite ABC Kit, Vector NovaRED substrate (red); CD34 (m), VECTASTAIN ABC-AP Kit, Vector Blue substrate (blue); Cytokeratin 8/18 (m), VECTASTAIN Elite ABC Kit, DAB substrate (brown).



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### **Limitations**

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

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