

# Product Datasheet

## DPH2 Antibody (OTI3A12) - Azide and BSA Free NBP2-70587

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-70587**

DPH2 Antibody (OTI3A12) - Azide and BSA Free

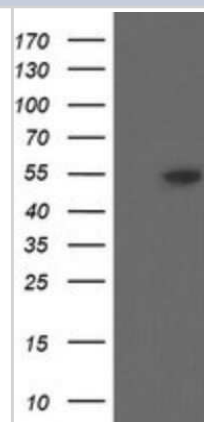
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3A12
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	51.9 kDa

Product Description	
Description	Novus Biologicals Mouse DPH2 Antibody (OTI3A12) - Azide and BSA Free (NBP2-46475) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1802
Gene Symbol	DPH2
Species	Human, Rat
Immunogen	Full length human recombinant protein of human DPH2(NP_001375) produced in HEK293T cell.

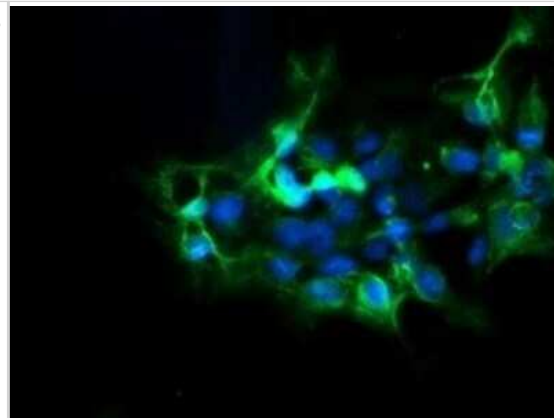
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

**Images**

Western Blot: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DPH2 .



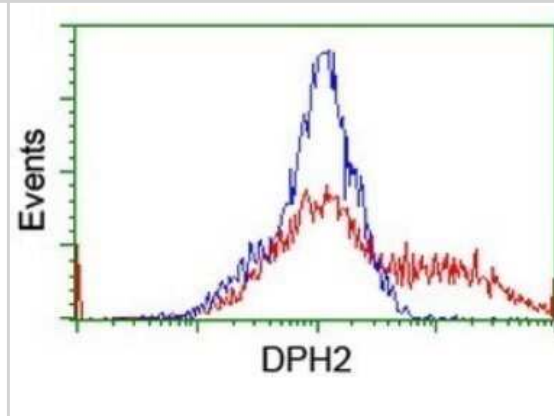
Immunocytochemistry/Immunofluorescence: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY DPH2.



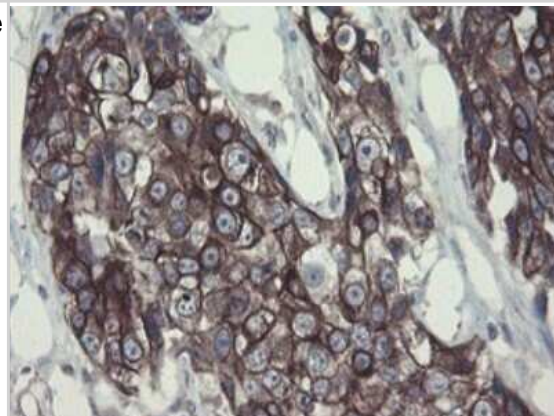
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Human prostate tissue.



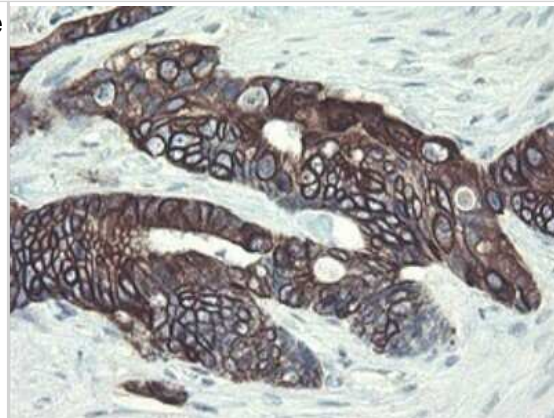
Flow Cytometry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of HEK293T cells transfected with either overexpress plasmid(Red) or empty vector control plasmid(Blue) were immunostaining by DPH2 antibody.



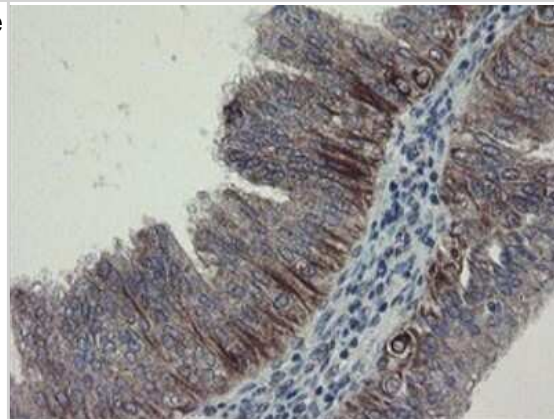
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Adenocarcinoma of Human breast tissue.



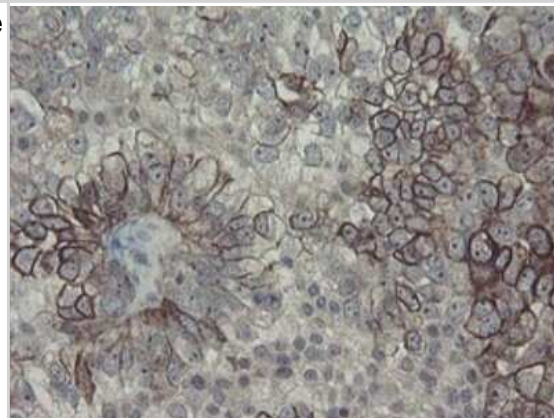
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Adenocarcinoma of Human colon tissue.



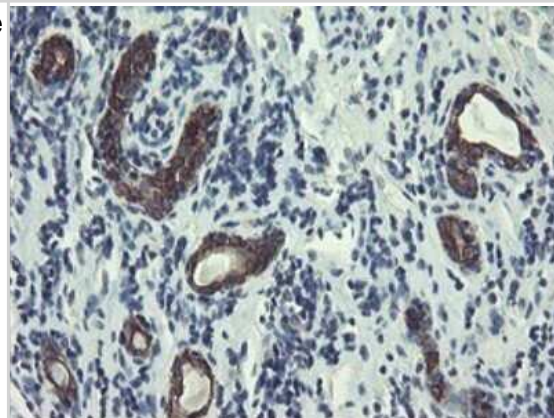
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Adenocarcinoma of Human endometrium tissue.



Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Adenocarcinoma of Human ovary tissue.



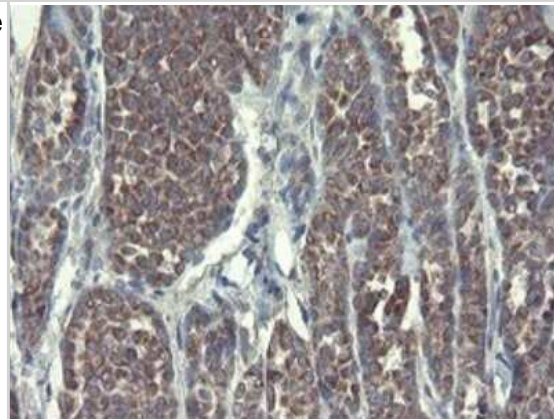
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Carcinoma of Human kidney tissue.



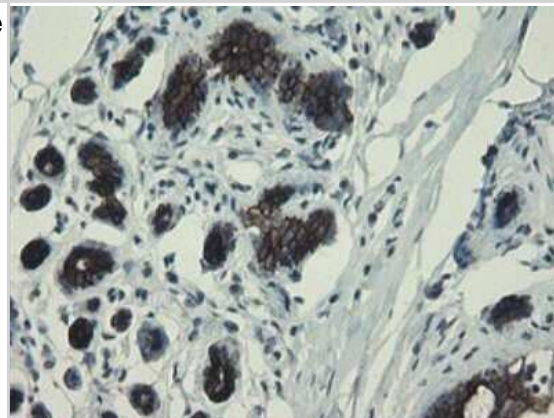
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Carcinoma of Human prostate tissue.



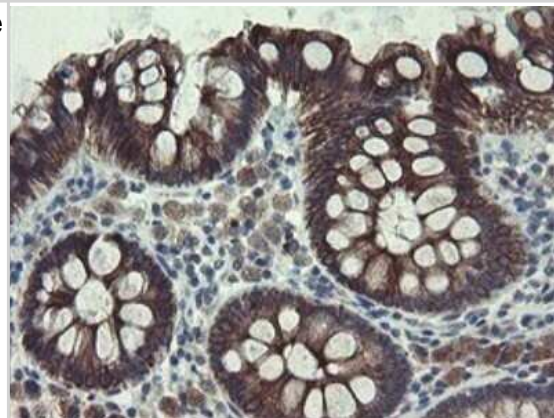
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Carcinoma of Human thyroid tissue.



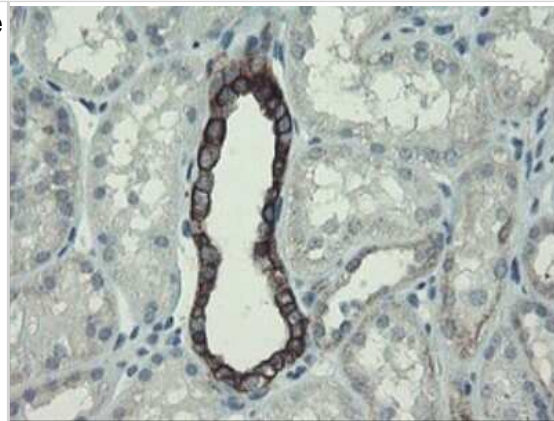
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Human breast tissue.



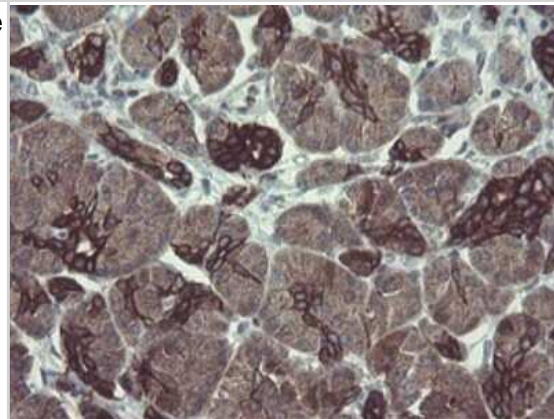
Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Human colon tissue..



Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Human Kidney tissue.



Immunohistochemistry: DPH2 Antibody (OTI3A12) - Azide and BSA Free [NBP2-70587] - Analysis of Human pancreas tissue.





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### **Products Related to NBP2-70587**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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