

# Product Datasheet

## PHF21B Antibody (OTI3D1) - Azide and BSA Free NBP2-73367

Unit Size: 100 ug

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

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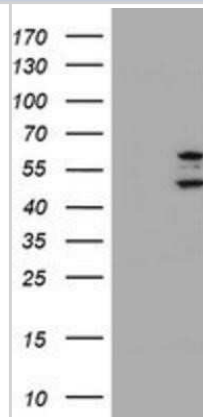
**NBP2-73367**

PHF21B Antibody (OTI3D1) - Azide and BSA Free

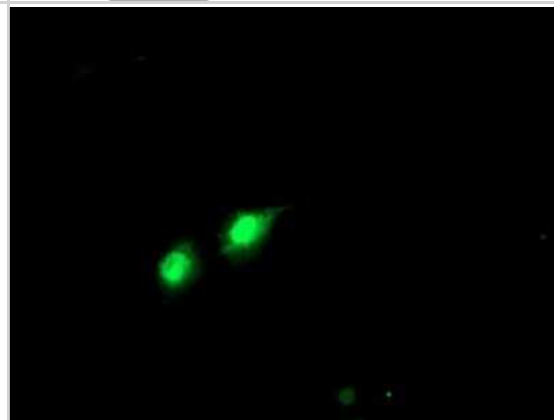
| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 100 ug  |
| <b>Concentration</b>               | LYOPH mg/ml   |
| <b>Storage</b>                     | Store at -20C. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | OTI3D1  |
| <b>Preservative</b>                | No Preservative   |
| <b>Reconstitution Instructions</b> | 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.  |
| <b>Isotype</b>                     | IgG2b   |
| <b>Purity</b>                      | Immunogen affinity purified   |
| <b>Buffer</b>                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose   |
| <b>Target Molecular Weight</b>     | 57.3 kDa  |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | Novus Biologicals Mouse PHF21B Antibody (OTI3D1) - Azide and BSA Free (NBP2-00960) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 112885  |
| <b>Gene Symbol</b>                 | PHF21B  |
| <b>Species</b>                     | Human, Mouse, Rat   |
| <b>Reactivity Notes</b>            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| <b>Immunogen</b>                   | Full length human recombinant protein of human PHF21B(NP_612424) produced in HEK293T cell.  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready   |
| <b>Recommended Dilutions</b>       | Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready  |

## Images

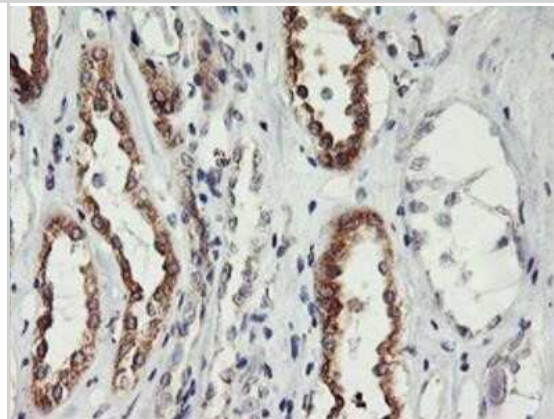
Western Blot: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PHF21B (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PHF21B.



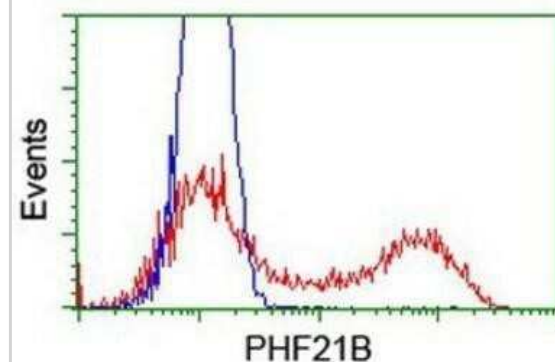
Immunocytochemistry/Immunofluorescence: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY PHF21B .



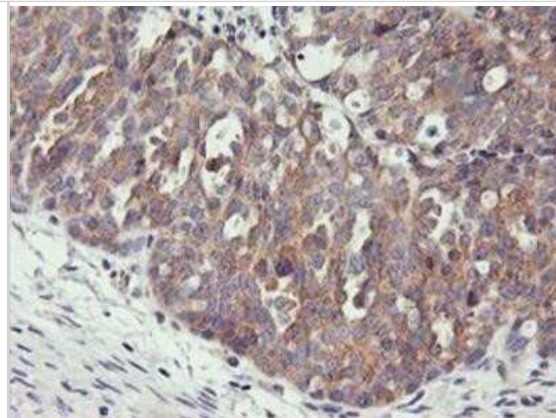
Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Human Kidney tissue using anti-PHF21B mouse monoclonal antibody.



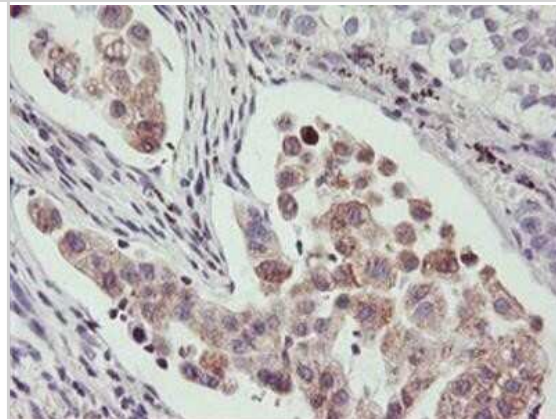
Flow Cytometry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-PHF21B antibody, and then analyzed by flow cytometry.



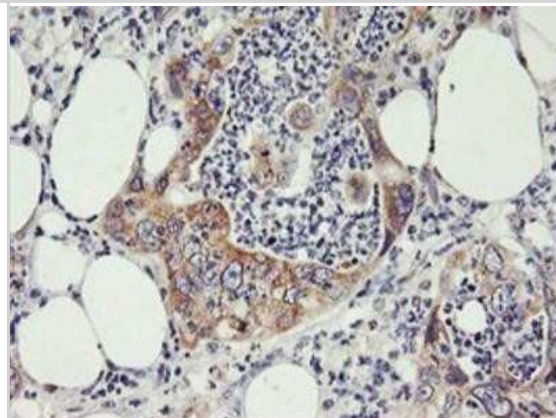
Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-PHF21B mouse monoclonal antibody.



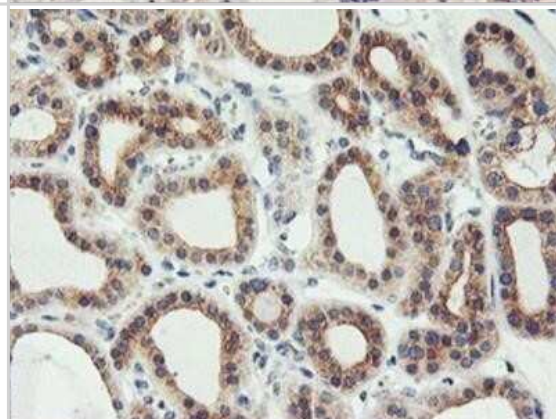
Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-PHF21B mouse monoclonal antibody.



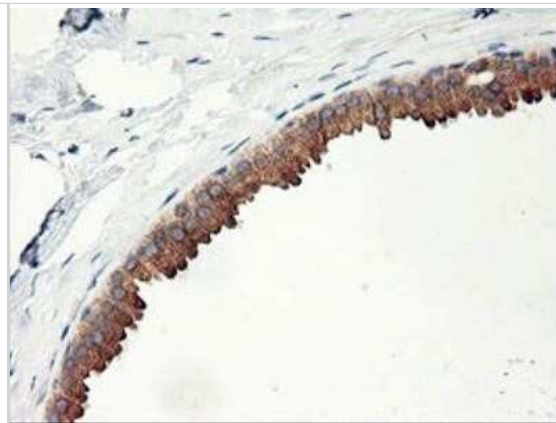
Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-PHF21B mouse monoclonal antibody.



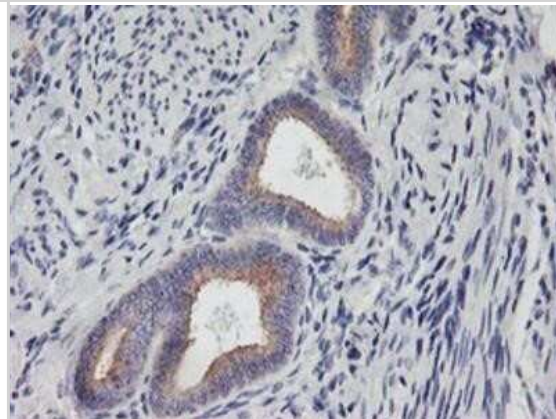
Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-PHF21B mouse monoclonal antibody.



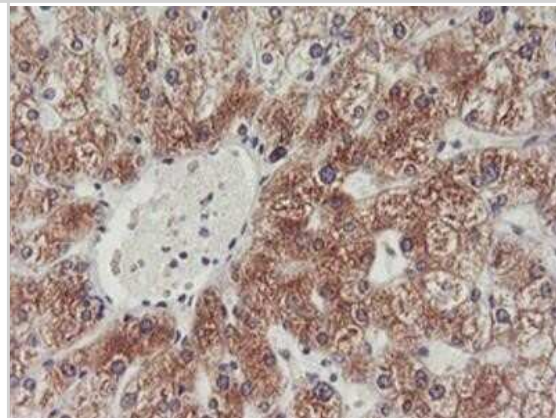
Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Human breast tissue using anti-PHF21B mouse monoclonal antibody.



Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Human endometrium tissue using anti-PHF21B mouse monoclonal antibody.



Immunohistochemistry: PHF21B Antibody (OTI3D1) - Azide and BSA Free [NBP2-73367] - Staining of paraffin-embedded Human liver tissue using anti-PHF21B mouse monoclonal antibody.





### **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

### **Products Related to NBP2-73367**

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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] |
| NBP2-27231  | Mouse IgG2b Isotype Control (MPC-11)               |

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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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