

# Product Datasheet

## PNMA3 Antibody (OTI1C3) - Azide and BSA Free NBP2-73485

Unit Size: 100 ug

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

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**NBP2-73485**

PNMA3 Antibody (OTI1C3) - Azide and BSA Free

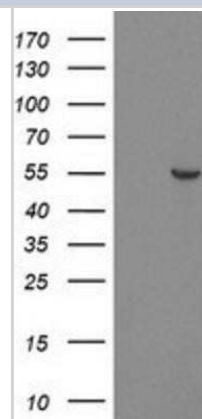
| Product Information         |                                                                                                                                                                                                                                  |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                                                                           |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                      |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                       |
| Clone                       | OTI1C3                                                                                                                                                                                                                           |
| 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     | 52.2 kDa                                                                                                                                                                                                                         |

| Product Description |                                                                                                                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse PNMA3 Antibody (OTI1C3) - Azide and BSA Free (NBP2-03547) is a monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                 |
| Gene ID             | 29944                                                                                                                                                                                                                 |
| Gene Symbol         | PNMA3                                                                                                                                                                                                                 |
| Species             | Human                                                                                                                                                                                                                 |
| Immunogen           | Full length human recombinant protein of human PNMA3 (NP_037496) produced in E.coli.                                                                                                                                  |

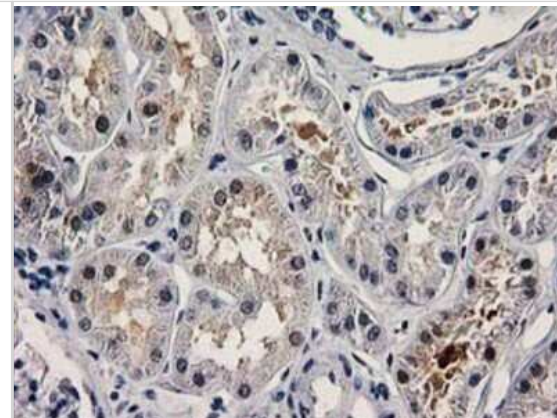
| Product Application Details |                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready                   |
| Recommended Dilutions       | Western Blot 1:500, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin, CyTOF-ready |

**Images**

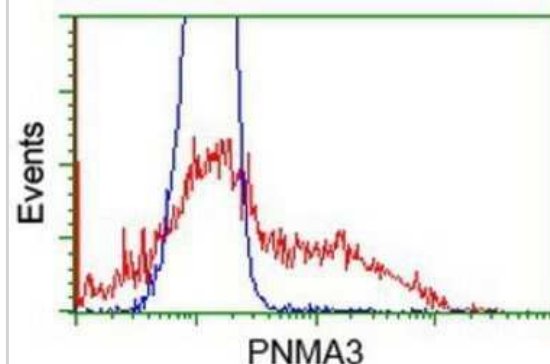
Western Blot: PNMA3 Antibody (OTI1C3) - Azide and BSA Free [NBP2-73485] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PNMA3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PNMA3.



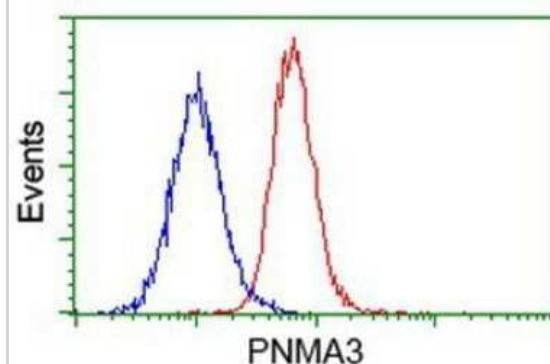
Immunohistochemistry: PNMA3 Antibody (OTI1C3) - Azide and BSA Free [NBP2-73485] - Staining of paraffin-embedded Human Kidney tissue using anti-PNMA3 mouse monoclonal antibody.



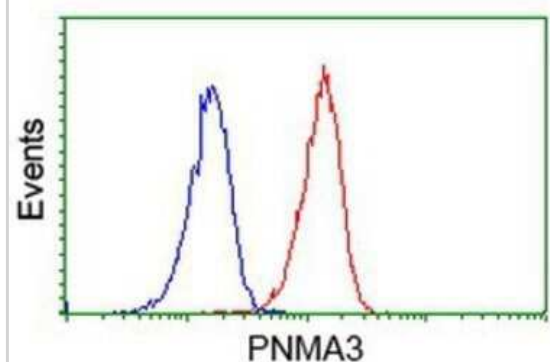
Flow Cytometry: PNMA3 Antibody (OTI1C3) - Azide and BSA Free [NBP2-73485] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PNMA3 antibody, and then analyzed by flow cytometry.



Flow Cytometry: PNMA3 Antibody (OTI1C3) - Azide and BSA Free [NBP2-73485] - Analysis of Hela cells, using anti-PNMA3 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: PNMA3 Antibody (OTI1C3) - Azide and BSA Free [NBP2-73485] - Analysis of Jurkat cells, using anti-PNMA3 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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### **Products Related to NBP2-73485**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP2-13782PEP    | PNMA3 Recombinant Protein Antigen                       |

### **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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