

# Product Datasheet

## APBB3 Antibody (OTI5G3) - Azide and BSA Free NBP2-71585

Unit Size: 100 ug

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

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**NBP2-71585**

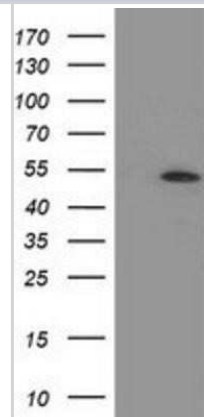
APBB3 Antibody (OTI5G3) - Azide and BSA Free

| <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>                       | OTI5G3                                                                                                                                                                                                                                                                                                                                          |
| <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>                     | IgG1                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>                      | Immunogen affinity purified                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer</b>                      | Lyophilized from PBS (pH 7.3) with 8% Trehalose                                                                                                                                                                                                                                                                                                 |
| <b>Target Molecular Weight</b>     | 52.4 kDa                                                                                                                                                                                                                                                                                                                                        |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>                 | Novus Biologicals Mouse APBB3 Antibody (OTI5G3) - Azide and BSA Free (NBP2-01367) is a monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                           |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>                     | 10307                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Symbol</b>                 | APBB3                                                                                                                                                                                                                                                                                                                                           |
| <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 recombinan protein of human APBB3(NP_573419) produced in HEK293T cell.                                                                                                                                                                                                                                                        |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready                                                                                                                                                                                                                                                  |
| <b>Recommended Dilutions</b>       | Western Blot 1:500, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin, CyTOF-ready                                                                                                                                                                                                                                |

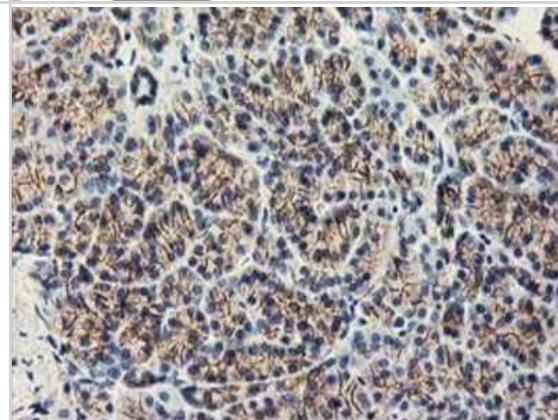


## Images

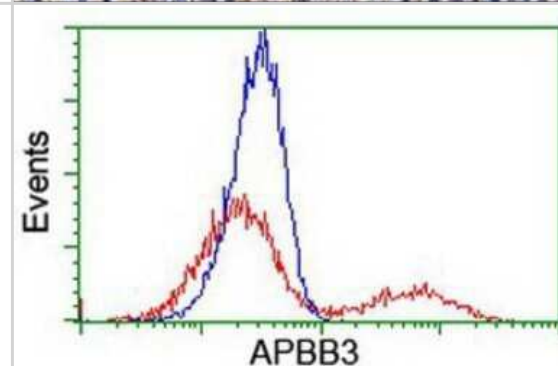
Western Blot: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY APBB3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-APBB3.



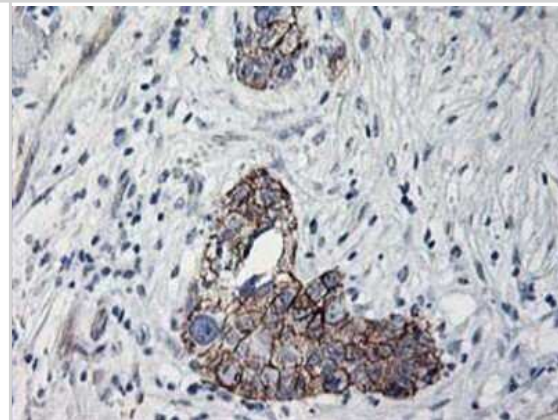
Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Human pancreas tissue using anti-APBB3 mouse monoclonal antibody.



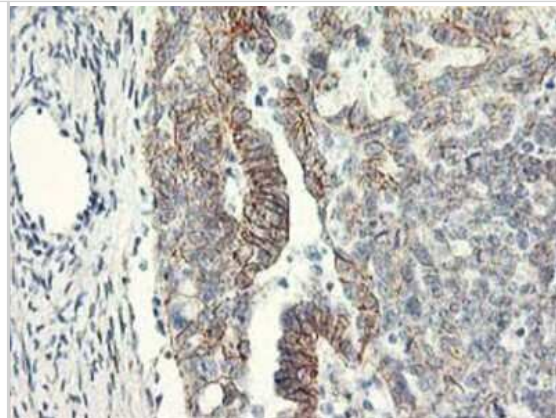
Flow Cytometry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-APBB3 antibody, and then analyzed by flow cytometry.



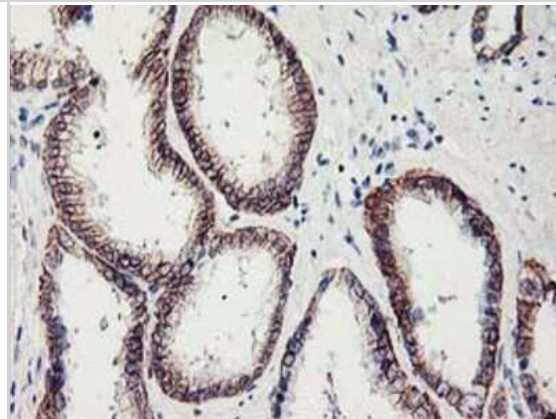
Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-APBB3 mouse monoclonal antibody.



Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-APBB3 mouse monoclonal antibody.



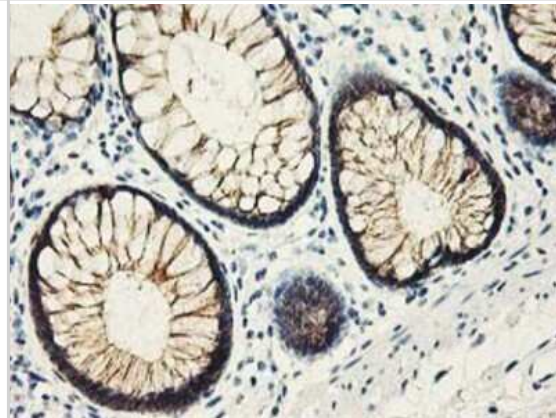
Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-APBB3 mouse monoclonal antibody.



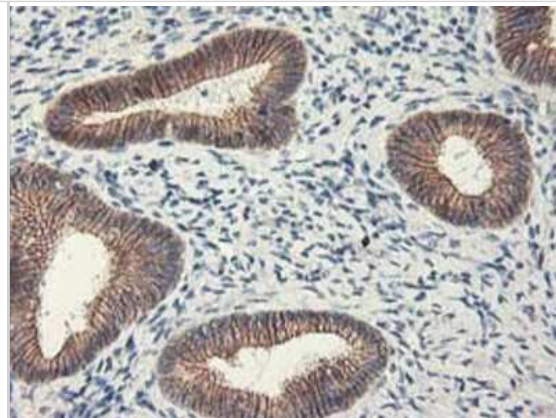
Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-APBB3 mouse monoclonal antibody.



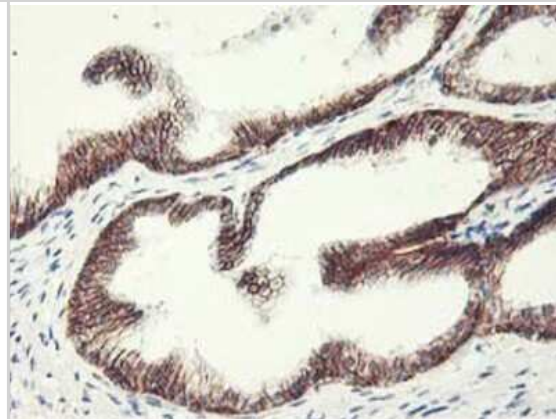
Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Human colon tissue using anti-APBB3 mouse monoclonal antibody.



Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Human endometrium tissue using anti-APBB3 mouse monoclonal antibody.



Immunohistochemistry: APBB3 Antibody (OTI5G3) - Azide and BSA Free [NBP2-71585] - Staining of paraffin-embedded Human prostate tissue using anti-APBB3 mouse monoclonal antibody.





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### **Products Related to NBP2-71585**

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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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