

# Product Datasheet

## TBC1D21 Antibody (OTI2A6) - Azide and BSA Free NBP2-74451

Unit Size: 100 ug

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

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**NBP2-74451**

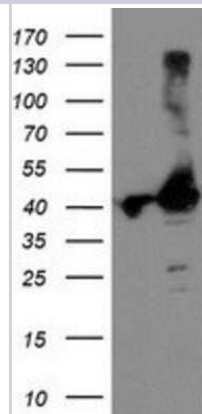
TBC1D21 Antibody (OTI2A6) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2A6
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	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	39 kDa
Product Description	
Description	Novus Biologicals Mouse TBC1D21 Antibody (OTI2A6) - Azide and BSA Free (NBP2-01311) 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	161514
Gene Symbol	TBC1D21
Species	Human, Mouse, Rat
Reactivity Notes	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.
Immunogen	Full length human recombinant protein of human TBC1D21(NP_699187) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin, CyTOF-ready

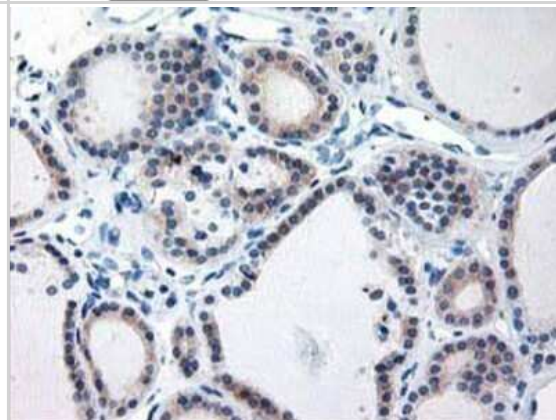


## Images

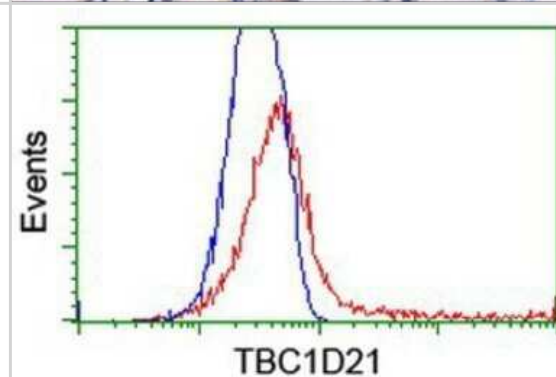
Western Blot: TBC1D21 Antibody (OTI2A6) - Azide and BSA Free [NBP2-74451] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TBC1D21 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TBC1D21.



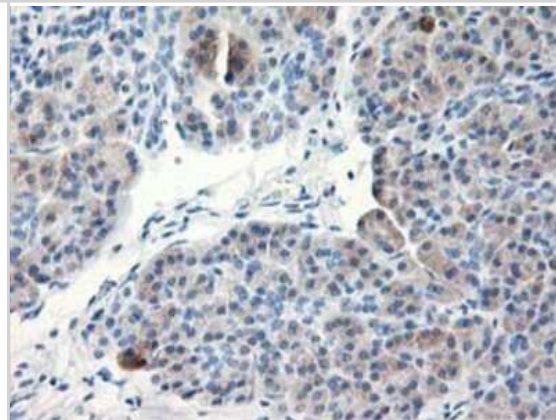
Immunohistochemistry: TBC1D21 Antibody (OTI2A6) - Azide and BSA Free [NBP2-74451] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-TBC1D21 mouse monoclonal antibody.



Flow Cytometry: TBC1D21 Antibody (OTI2A6) - Azide and BSA Free [NBP2-74451] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-TBC1D21 antibody, and then analyzed by flow cytometry.



Immunohistochemistry: TBC1D21 Antibody (OTI2A6) - Azide and BSA Free [NBP2-74451] - Staining of paraffin-embedded Human pancreas tissue using anti-TBC1D21 mouse monoclonal antibody.





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### **Products Related to NBP2-74451**

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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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