

# Product Datasheet

## CTAG1B Antibody (OTI2B6) - Azide and BSA Free NBP2-70485

Unit Size: 100 ug

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

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Updated 10/23/2024 v.20.1

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**NBP2-70485**

CTAG1B Antibody (OTI2B6) - Azide and BSA Free

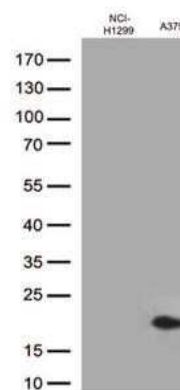
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2B6
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To 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	18 kDa

Product Description	
Host	Mouse
Gene ID	1485
Gene Symbol	CTAG1B
Species	Human
Immunogen	Full-length protein expressed in 293T cell transfected with human CTAG1B expression vector

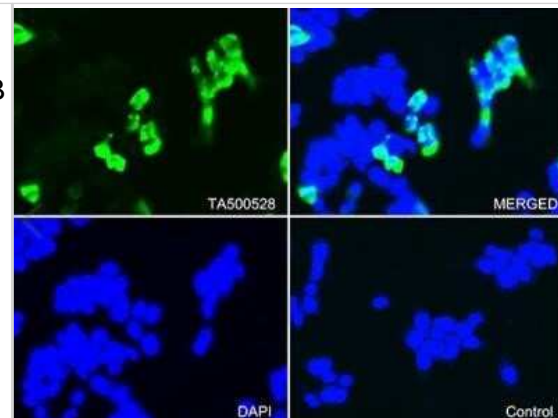
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000, Flow Cytometry, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100

**Images**

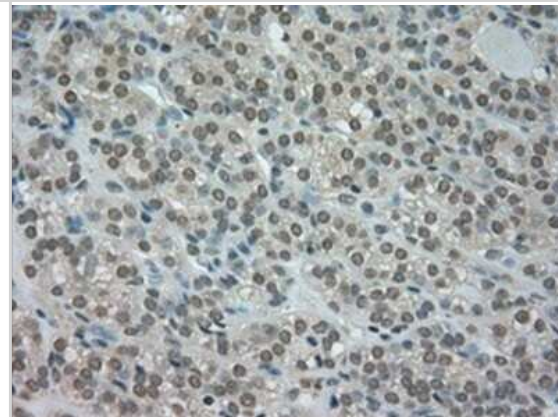
Western Blot: CTAG1B Antibody (OTI2B6) - Azide and BSA Free [NBP2-70485] - Analysis of extracts (35ug) from 2 cell lines lysates by using anti-CTAG1B monoclonal antibody (1:500).



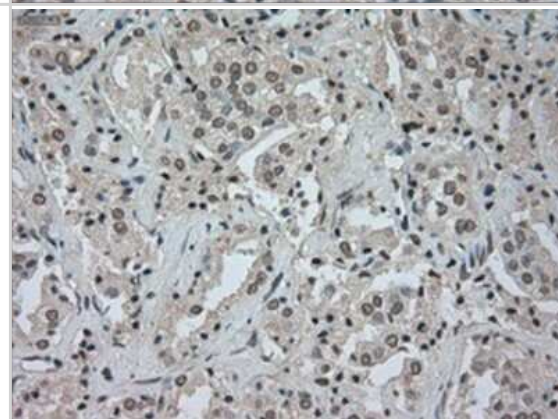
Immunocytochemistry/Immunofluorescence: CTAG1B Antibody (OTI2B6) - Azide and BSA Free [NBP2-70485] - Staining of 293T cells transfected by pCMV6-ENTRY CTAG1B(RC213318) using anti-CTAG1B antibody (green, upper left; DAPI/blue, lower left; merged, upper right). 293T cells transfected with empty vector served as a negative control (merged, lower right). (1:



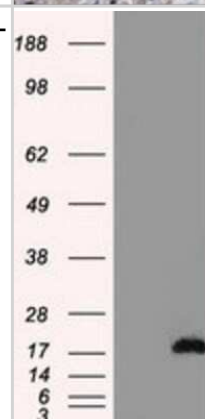
Immunohistochemistry: CTAG1B Antibody (OTI2B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Carcinoma of thyroid tissue using anti-CTAG1B mouse monoclonal antibody.



Flow Cytometry: CTAG1B Antibody (OTI2B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Carcinoma of prostate tissue using anti-CTAG1B mouse monoclonal antibody.



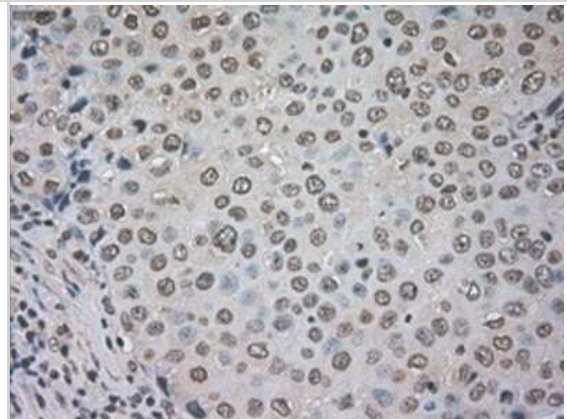
Western Blot: CTAG1B Antibody (OTI2B6) - Azide and BSA Free [NBP2-70485] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CTAG1B (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CTAG1B.



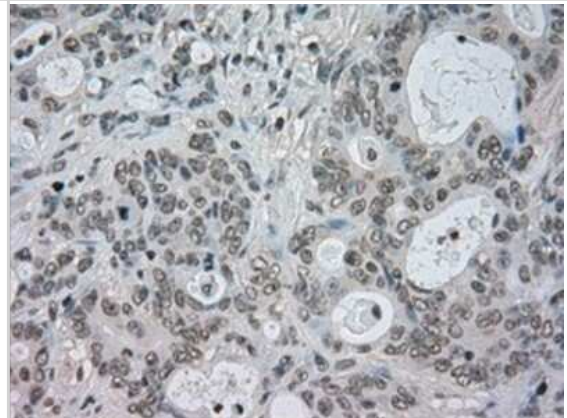
Immunohistochemistry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Immunohistochemical staining of paraffin-embedded Carcinoma of bladder tissue using anti-CTAG1B mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100 degrees C for 10min, NBP1-47714, Dilution 1:50)



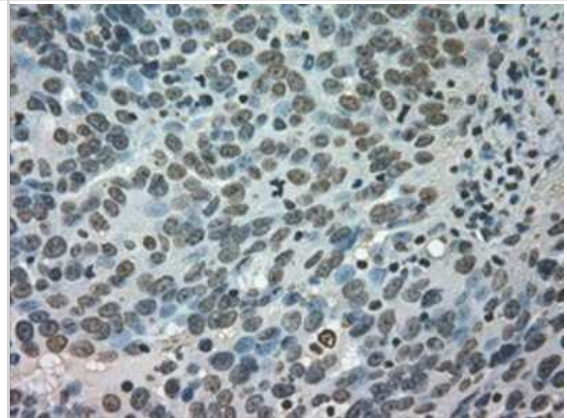
Immunohistochemistry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Adenocarcinoma of breast tissue using anti-CTAG1B mouse monoclonal antibody.



Immunohistochemistry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-CTAG1B mouse monoclonal antibody.

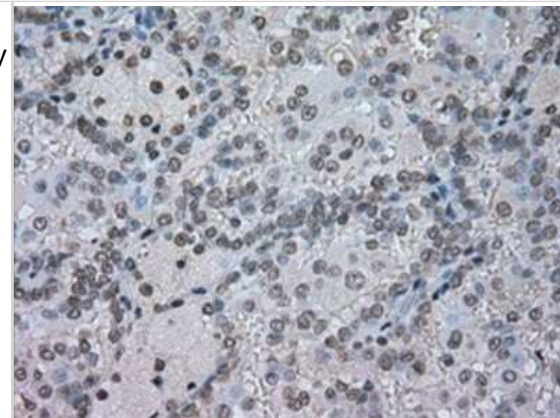


Immunohistochemistry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-CTAG1B mouse monoclonal antibody.

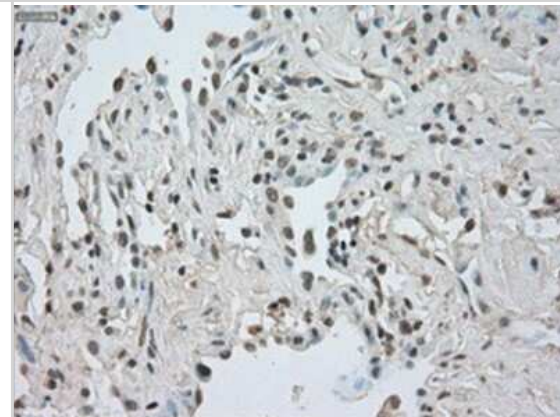




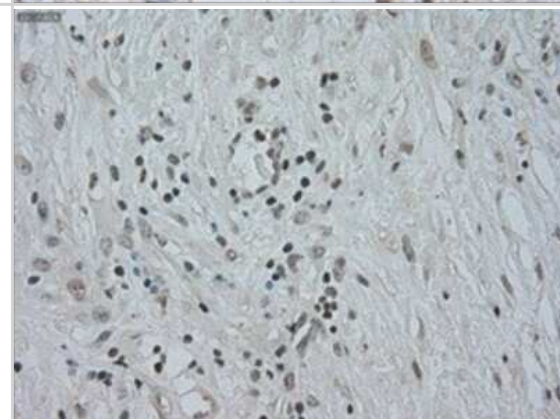
Immunohistochemistry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Carcinoma of kidney tissue using anti-CTAG1B mouse monoclonal antibody.



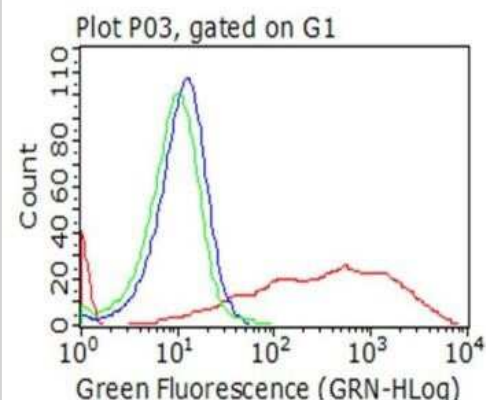
Immunohistochemistry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Carcinoma of lung tissue using anti-CTAG1B mouse monoclonal antibody.



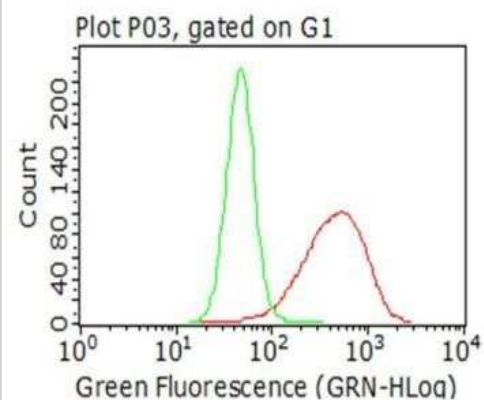
Immunohistochemistry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Staining of paraffin-embedded Carcinoma of pancreas tissue using anti-CTAG1B mouse monoclonal antibody.



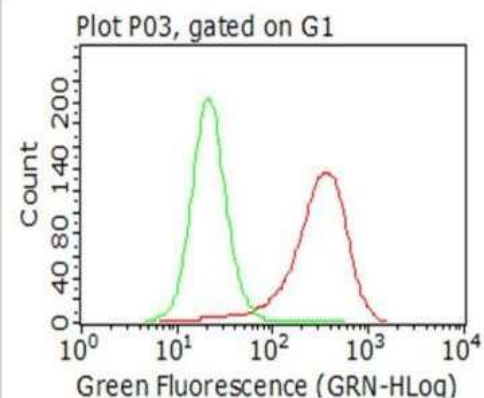
Flow Cytometry: CTAG1B Antibody (OT12B6) - Azide and BSA Free [NBP2-70485] - Analysis of living 293T cells transfected with CTAG1B overexpression plasmid (RC213318), Red)/empty vector (Blue) using anti-CTAG1B antibody. Cells incubated with a non-specific antibody (Green) were used as isotype control. (1:100)



Flow Cytometry: CTAG1B Antibody (OTI2B6) - Azide and BSA Free [NBP2-70485] - Analysis of living NCI-H1299 cells, using anti-CTAG1B antibody(red), compared to an isotype control (green).(1:100)



Flow Cytometry: CTAG1B Antibody (OTI2B6) - Azide and BSA Free [NBP2-70485] - Analysis of living A375 cells, using anti-CTAG1B antibody(red), compared to an isotype control (green).(1:100)





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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
285-IF-100	IFN-gamma [Unconjugated]

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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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