

# Product Datasheet

## V-type proton ATPase subunit F Antibody (OT11B8) NBP2-03498

Unit Size: 0.1 ml

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

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**NBP2-03498****V-type proton ATPase subunit F Antibody (OTI1B8)**

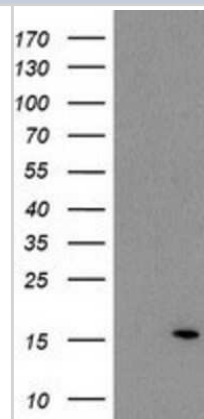
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI1B8
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	13.2 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse V-type proton ATPase subunit F Antibody (OTI1B8) (NBP2-03498) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-V-type proton ATPase subunit F Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	9296
<b>Gene Symbol</b>	ATP6V1F
<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 ATP6V1F (NP_004222) produced in E.coli.

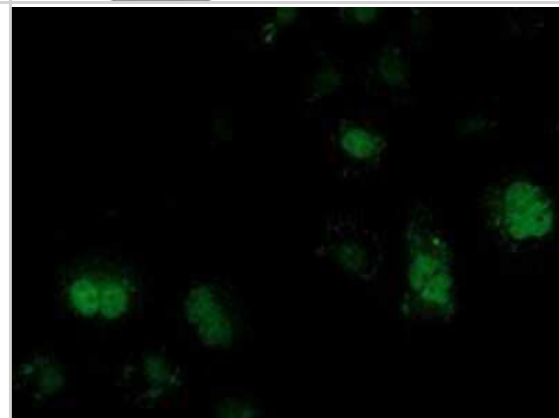
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

## Images

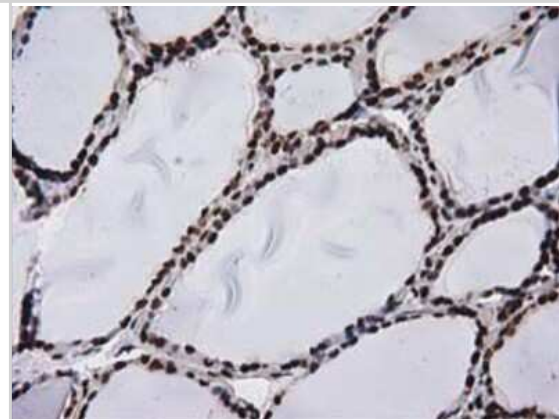
Western Blot: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY V-type proton ATPase subunit F (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-V-type proton ATPase subunit F.



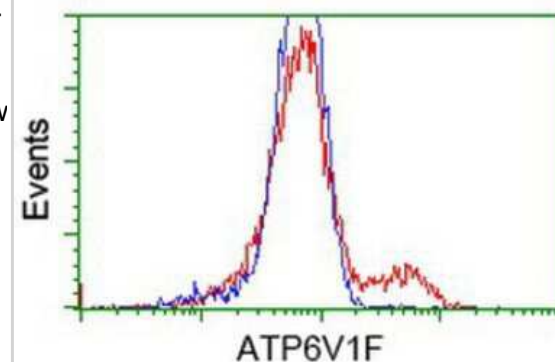
Immunocytochemistry/Immunofluorescence: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] Staining of COS7 cells transiently transfected by pCMV6-ENTRY V-type proton ATPase subunit F.



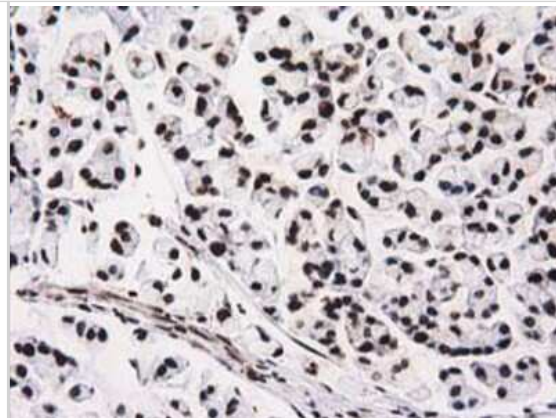
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human thyroid tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



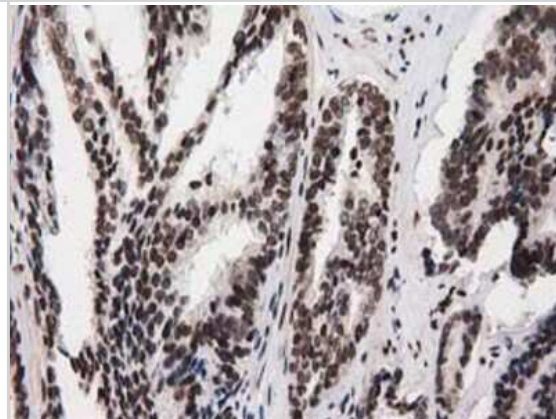
Flow Cytometry: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-V-type proton ATPase subunit F antibody, and then analyzed by flow cytometry.



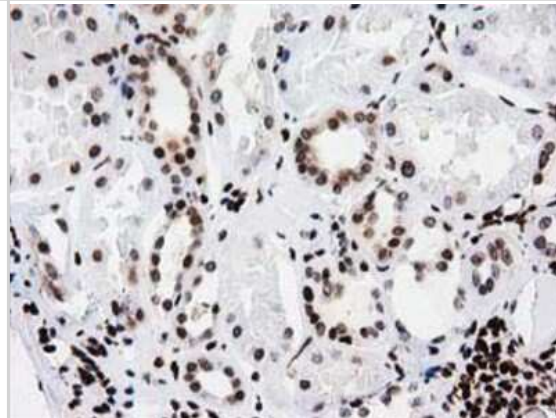
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



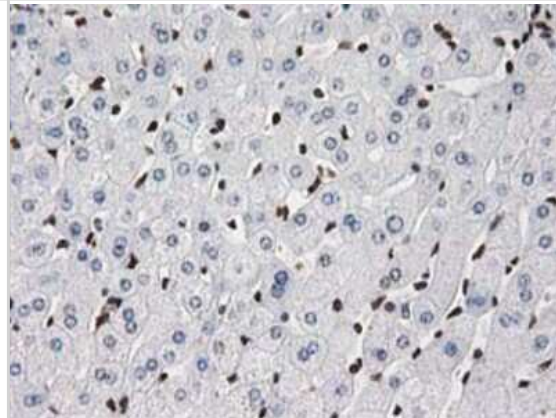
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



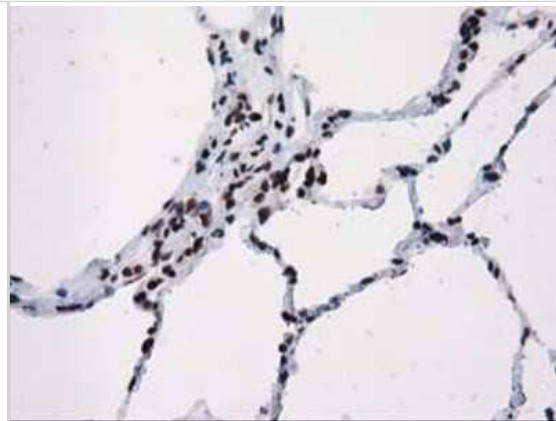
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human Kidney tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human liver tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



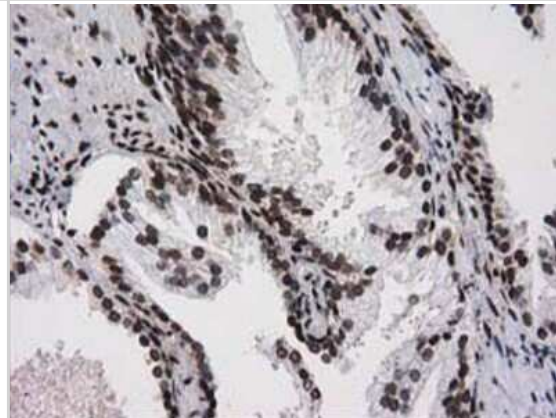
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human lung tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human lymph node tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human prostate tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



## Publications

Cason SE, Mogre SS, Holzbaur ELF, Koslover EF. Spatiotemporal analysis of axonal autophagosome-lysosome dynamics reveals limited fusion events and slow maturation *Molecular Biology of the Cell* 2022-11-01 [PMID: 36044338]



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### **Products Related to NBP2-03498**

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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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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