

Product Datasheet

V-type proton ATPase subunit F Antibody (OTI1B8) 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)

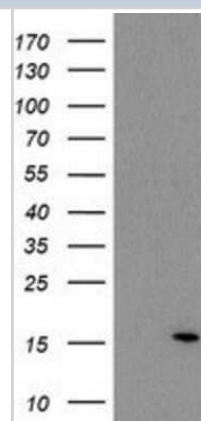
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1B8
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	13.2 kDa

Product Description	
Host	Mouse
Gene ID	9296
Gene Symbol	ATP6V1F
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 ATP6V1F (NP_004222) produced in E.coli.

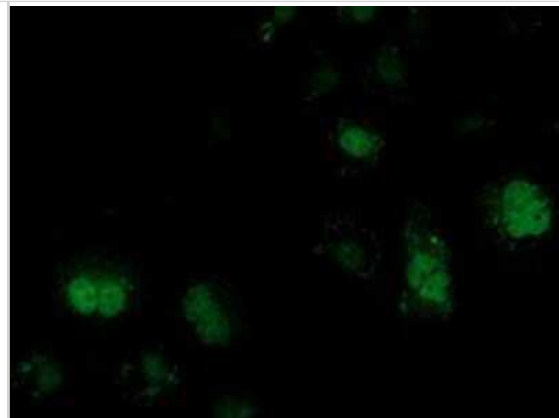
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100,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

Images

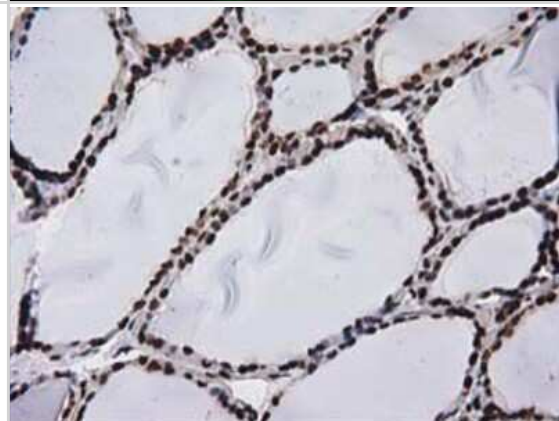
Western Blot: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY V-type proton ATPase subunit F (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by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



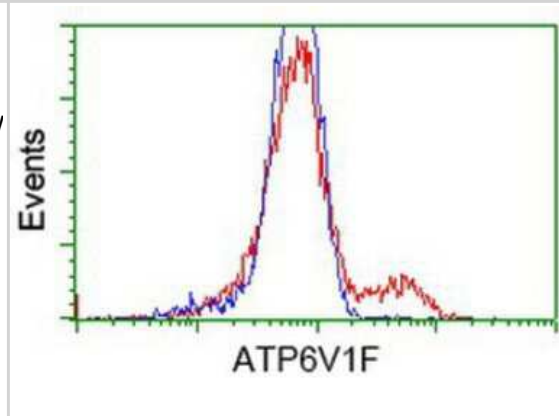
Immunocytochemistry/Immunofluorescence: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] Staining of COS7 cells transiently transfected by pCMV6-ENTRY V-type proton ATPase subunit F.



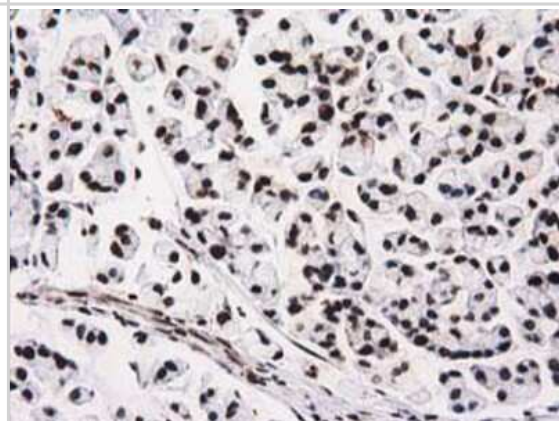
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human thyroid tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



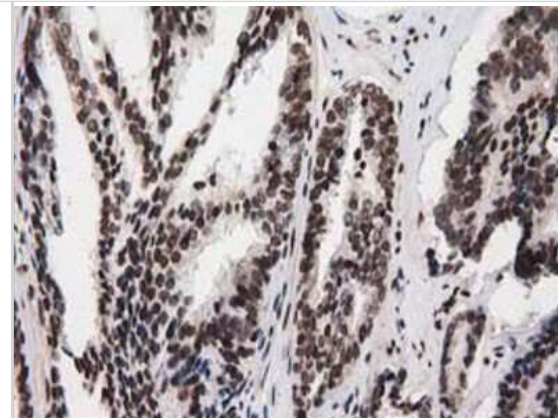
Flow Cytometry: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-V-type proton ATPase subunit F antibody, and then analyzed by flow cytometry.



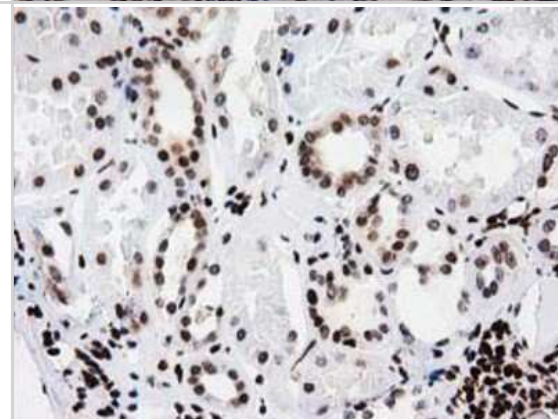
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



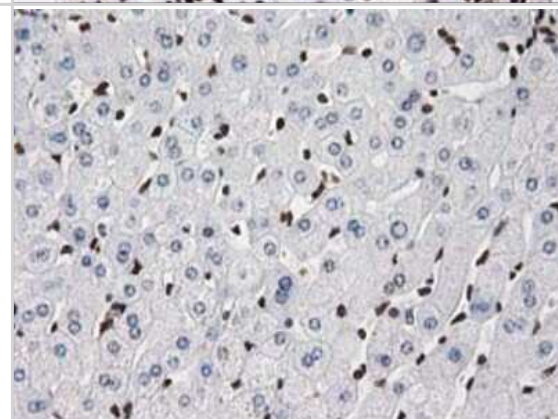
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



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.



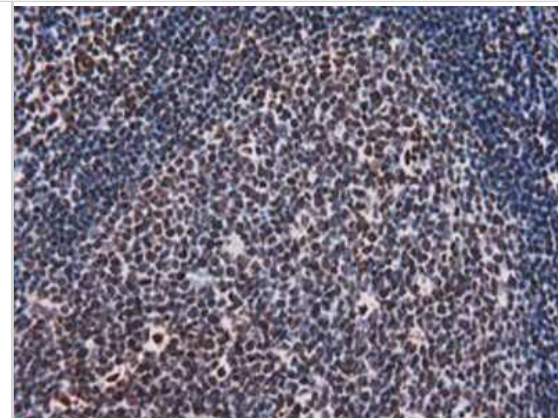
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human liver tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



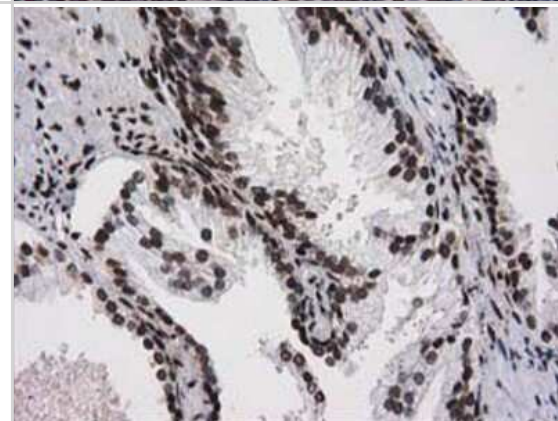
Immunohistochemistry-Paraffin: V-type proton ATPase subunit F Antibody (1B8) [NBP2-03498] - Staining of paraffin-embedded Human lung tissue using anti-V-type proton ATPase subunit F mouse monoclonal antibody.



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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-51954-0.1mg	Recombinant Human V-type proton ATPase subunit F His Protein

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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