

# Product Datasheet

## ATG3/APG3 Antibody (OTI3H2) NBP2-01083

Unit Size: 0.1 ml

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

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**NBP2-01083**

ATG3/APG3 Antibody (OTI3H2)

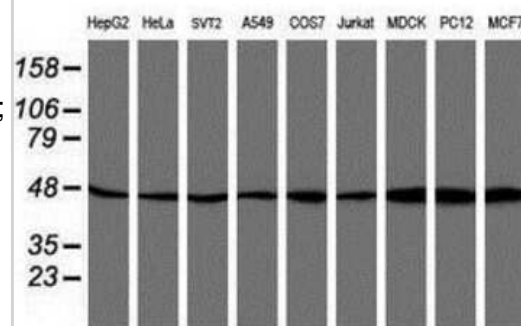
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3H2
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	35.7 kDa

Product Description	
Host	Mouse
Gene ID	64422
Gene Symbol	ATG3
Species	Human, Mouse, Rat, Canine, Primate, Monkey
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 ATG3(NP_071933) produced in HEK293T cell.

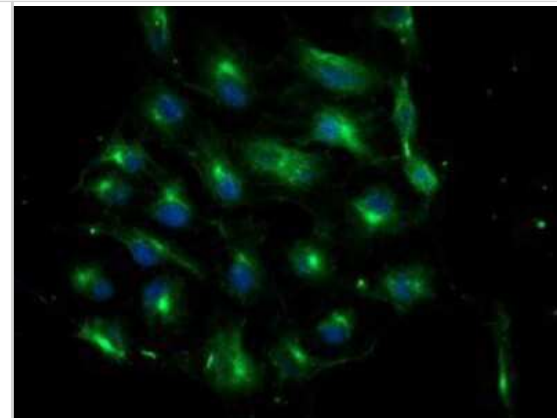
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

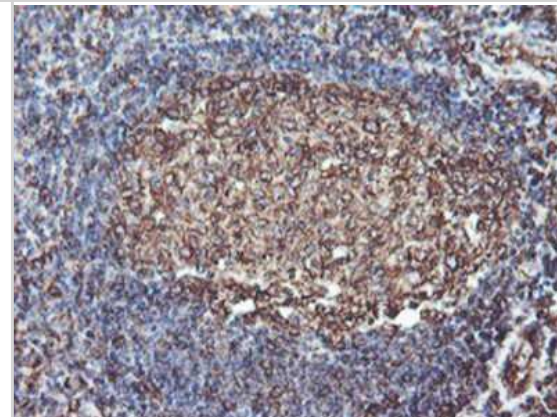
Western Blot: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Apg3 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



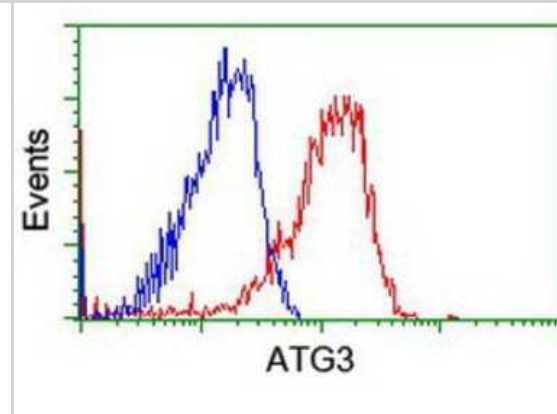
Immunocytochemistry/Immunofluorescence: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Apg3.



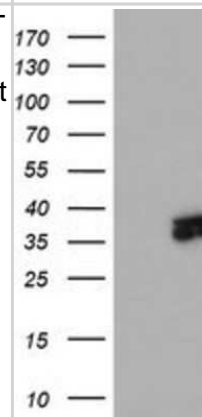
Immunohistochemistry-Paraffin: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Staining of paraffin-embedded Human tonsil using anti-Apg3 mouse monoclonal antibody.



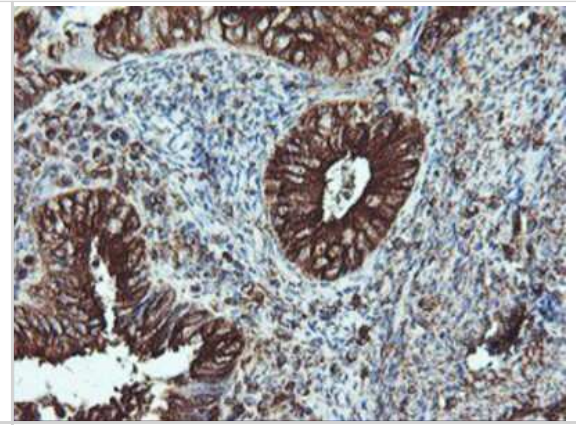
Flow Cytometry: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Analysis of Hela cells, using anti-Apg3 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



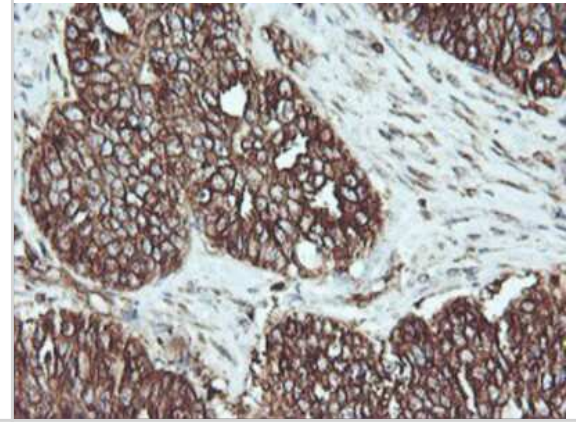
Western Blot: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Apg3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Apg3.



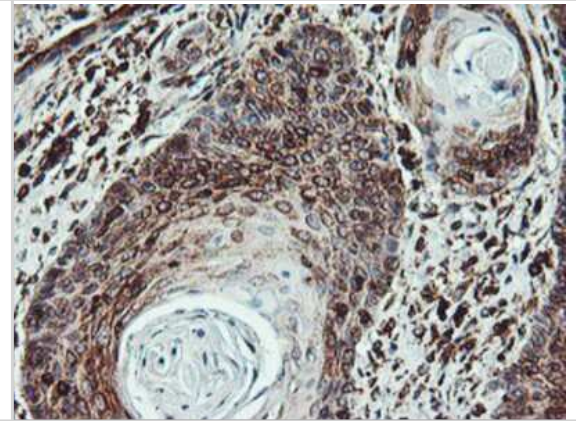
Immunohistochemistry-Paraffin: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-Apg3 mouse monoclonal antibody.



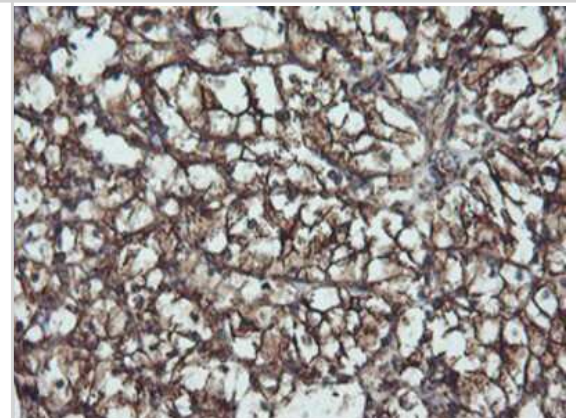
Immunohistochemistry-Paraffin: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Apg3 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Apg3 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: ATG3/APG3 Antibody (OTI3H2) [NBP2-01083] - Staining of paraffin-embedded Human Kidney tissue using anti-Apg3 mouse monoclonal antibody.







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### **Products Related to NBP2-01083**

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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)
NBP2-37894PEP	ATG3/APG3 Recombinant Protein Antigen

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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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