

# Product Datasheet

## Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free NBP2-72948

Unit Size: 100 ug

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

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**NBP2-72948**

Neurogenin-1 Antibody (OTI3F9) - 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	OTI3F9
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	25.7 kDa

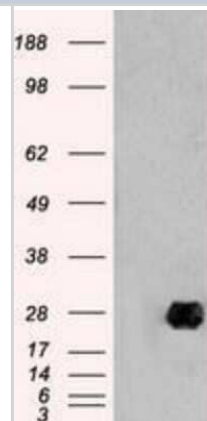
Product Description	
Description	Novus Biologicals Mouse Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free (NBP1-47871) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4762
Gene Symbol	NEUROG1
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 NEUROG1 (NP_006152) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunoprecipitation 2-4ug/ml, Immunohistochemistry-Paraffin

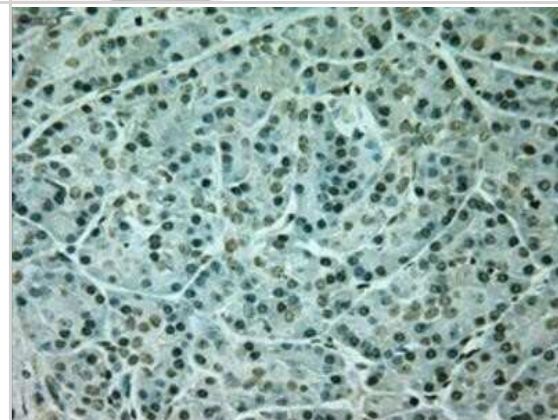


## Images

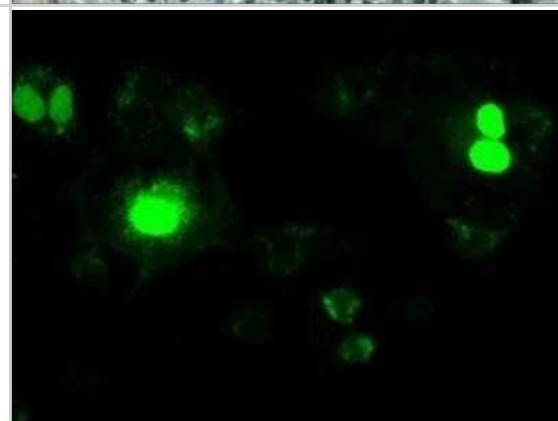
Western Blot: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Neurogenin 1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Neurogenin



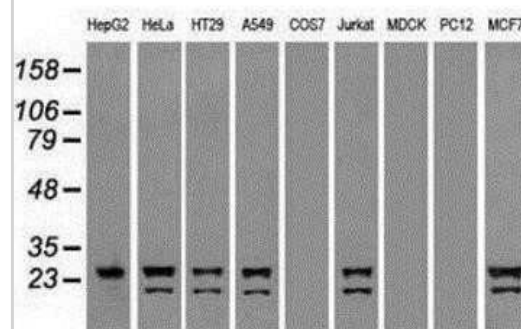
Immunohistochemistry: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Staining of Human pancreas tissue.



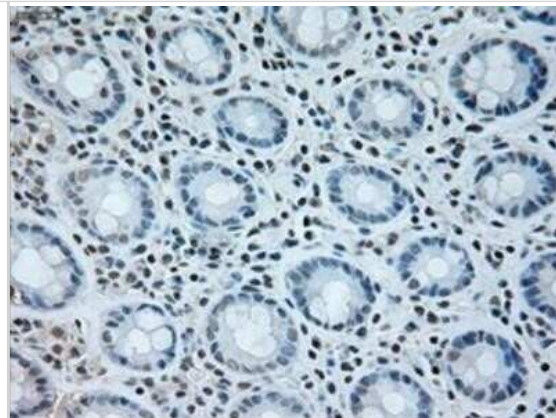
Flow Cytometry: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - COS7 cells transiently transfected by pCMV6-ENTRY Neurogenin-1.



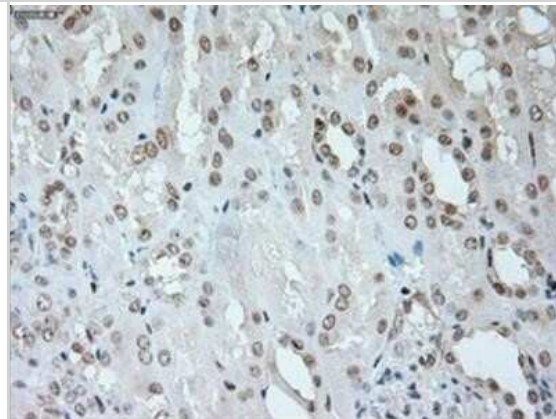
Western Blot: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Neurogenin 1 monoclonal antibody.



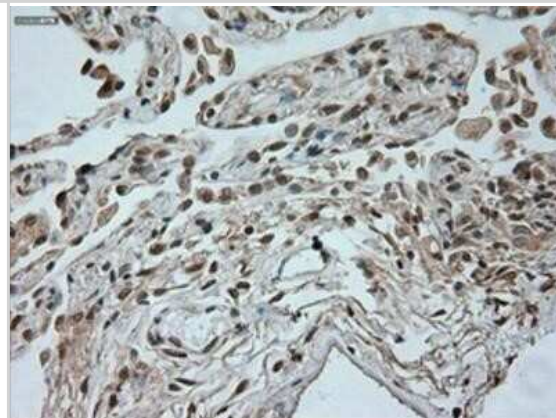
Immunohistochemistry: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Staining of Human colon tissue.



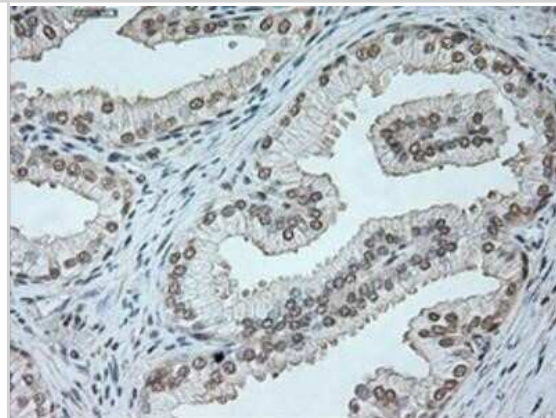
Immunohistochemistry: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Staining of Human Kidney tissue.



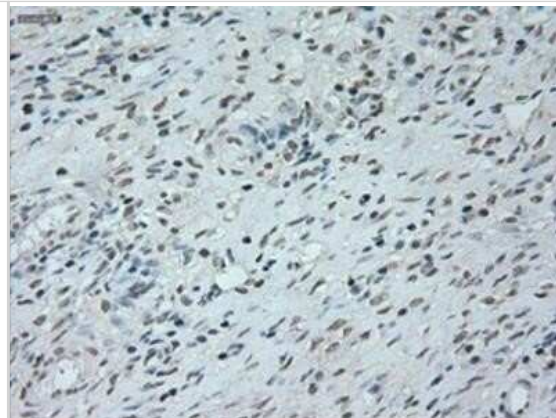
Immunohistochemistry: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Staining of Human lung tissue.



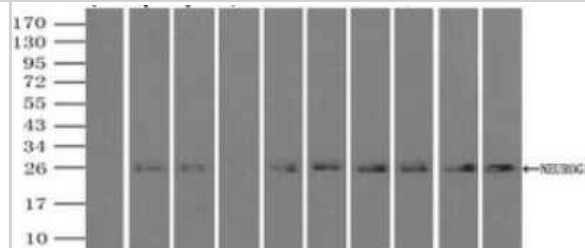
Immunohistochemistry: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Staining of Human prostate tissue.



Immunohistochemistry: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Staining of Human Ovary tissue.



Immunoprecipitation: Neurogenin-1 Antibody (OTI3F9) - Azide and BSA Free [NBP2-72948] - Immunoprecipitation (IP) of NEUROG1 by using a monoclonal anti-NEUROG1 antibodies (Negative control: IP without adding anti-NEUROG1 antibody.). For each experiment, 500ul of DDK tagged NEUROG1 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-NEUROG1 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immunoprecipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





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### Products Related to NBP2-72948

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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