

# Product Datasheet

## Neurogenin-3 Antibody (OTI3B5) NBP1-47878

Unit Size: 0.1 ml

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

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**NBP1-47878**

## Neurogenin-3 Antibody (OTI3B5)

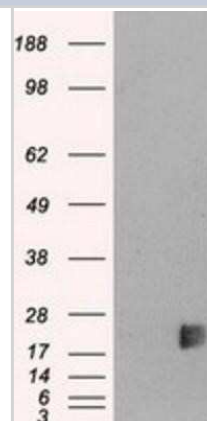
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI3B5
<b>Preservative</b>	0.02% Sodium Azide
<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>	23.077 kDa

Product Description	
<b>Description</b>	Novus Biologicals Mouse Neurogenin-3 Antibody (OTI3B5) (NBP1-47878) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	50674
<b>Gene Symbol</b>	NEUROG3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is specific for Homo sapiens neurogenin 3 (NEUROG3).
<b>Immunogen</b>	Full-length protein expressed in 293T cell transfected with human NEUROG3 expression vector

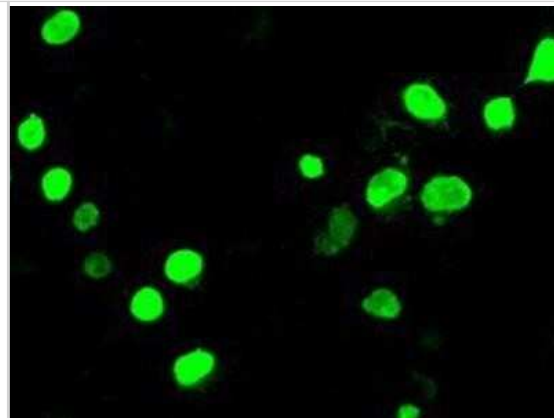
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:50, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50

**Images**

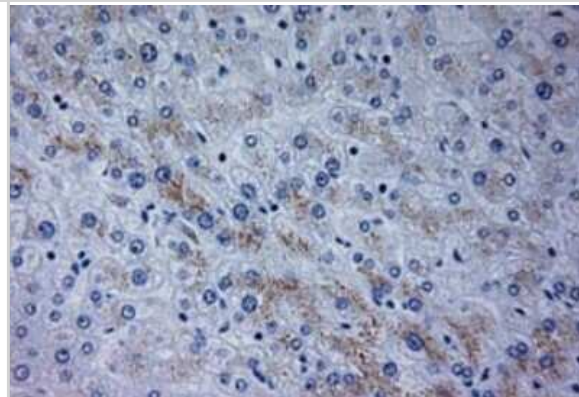
Western Blot: Neurogenin-3 Antibody (OTI3B5) [NBP1-47878] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Neurogenin-3 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Neurogenin-3.



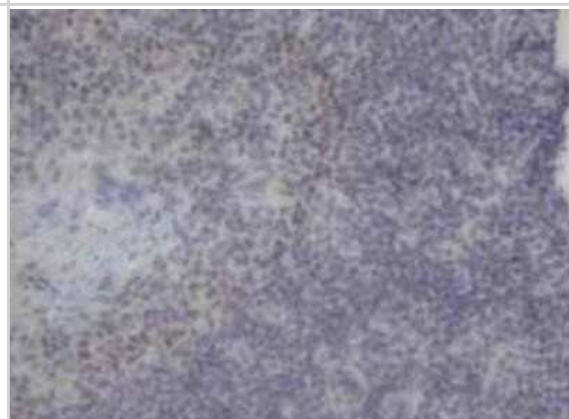
Immunocytochemistry/Immunofluorescence: Neurogenin-3 Antibody (OTI3B5) [NBP1-47878] - Neurogenin3 Immunofluorescent staining of HeLa cells transiently transfected by pCMV6-ENTRY Neurogenin-3.



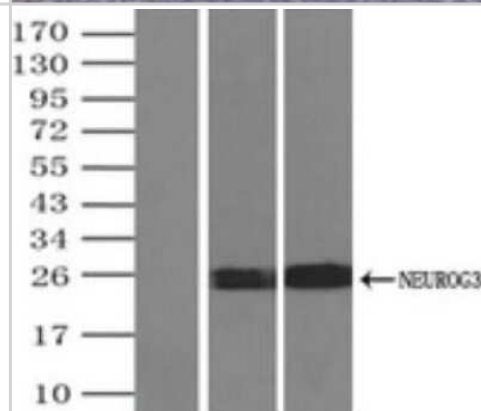
Immunohistochemistry-Paraffin: Neurogenin-3 Antibody (OTI3B5) [NBP1-47878] - Staining of paraffin-embedded Human liver tissue within the normal limits using anti-NEUROG3 mouse monoclonal antibody at 1:150 dilution.



Immunohistochemistry-Paraffin: Neurogenin-3 Antibody (OTI3B5) [NBP1-47878] - Staining of paraffin-embedded Human lymph node tissue using anti-Neurogenin-3 mouse monoclonal antibody.



Immunoprecipitation: Neurogenin-3 Antibody (OTI3B5) [NBP1-47878] - (Negative control: IP without adding anti-NEUROG3 antibody). For each experiment, 500ul of DDK tagged NEUROG3 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-NEUROG3 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 immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-47878**

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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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