

# Product Datasheet

## TMED9 Antibody (A9A8) NBP3-33026

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-33026**

TMED9 Antibody (A9A8)

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A9A8
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	27 kDa
Product Description	
<b>Description</b>	Novus Biologicals Mouse TMED9 Antibody (A9A8) (NBP3-33026) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	54732
<b>Gene Symbol</b>	TMED9
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human TMED9 aa 31-220 / 235. (Uniprot: Q9BVK6)
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:2000



## Images

Western Blot: TMED9 Antibody (A9A8) [NBP3-33026] - Western blot analysis of TMED9 on different lysates with Mouse anti-TMED9 antibody (NBP3-33026) at 1/1,000 dilution.

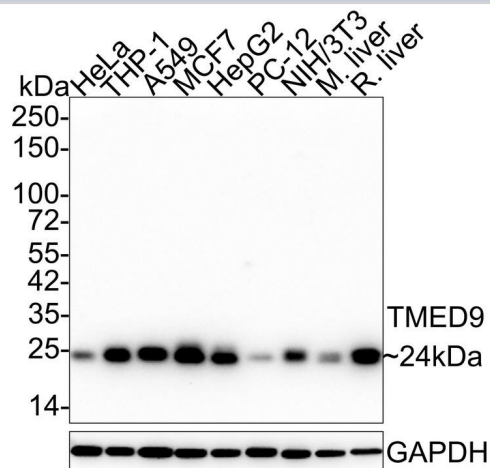
Lane 1: HeLa cell lysate (20 ug/Lane)  
 Lane 2: THP-1 cell lysate (20 ug/Lane)  
 Lane 3: A549 cell lysate (20 ug/Lane)  
 Lane 4: MCF7 cell lysate (20 ug/Lane)  
 Lane 5: HepG2 cell lysate (20 ug/Lane)  
 Lane 6: PC-12 cell lysate (20 ug/Lane)  
 Lane 7: NIH/3T3 cell lysate (20 ug/Lane)  
 Lane 8: Mouse liver tissue lysate (40 ug/Lane)  
 Lane 9: Rat liver tissue lysate (40 ug/Lane)

Predicted band size: 27 kDa  
 Observed band size: 24 kDa

Exposure time: 43 seconds;

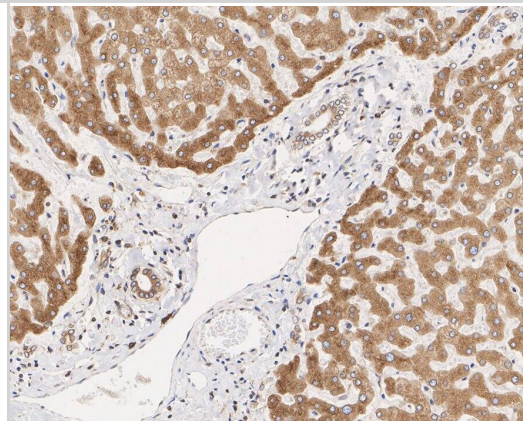
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33026) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Anti-Mouse IgG for IP Nano-secondary antibody (NBI02H) at 1/5,000 dilution was used for 1 hour at room temperature.



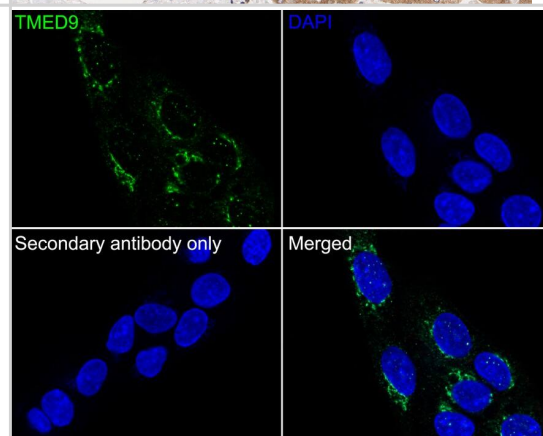
Immunohistochemistry: TMED9 Antibody (A9A8) [NBP3-33026] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Mouse anti-TMED9 antibody (NBP3-33026) at 1/2,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-33026) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry/ Immunofluorescence: TMED9 Antibody (A9A8) [NBP3-33026] - Immunocytochemistry analysis of HepG2 cells labeling TMED9 with Mouse anti-TMED9 antibody (NBP3-33026) at 1/100 dilution.

Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Mouse anti-TMED9 antibody (NBP3-33026) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.





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### **Products Related to NBP3-33026**

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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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