

# Product Datasheet

## MALT1 Antibody (PSH02-32) NBP3-32562

Unit Size: 100 ul

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

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**NBP3-32562**

MALT1 Antibody (PSH02-32)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-32
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	92 kDa

Product Description	
Description	Novus Biologicals Rabbit MALT1 Antibody (PSH02-32) (NBP3-32562) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10892
Gene Symbol	MALT1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human MALT1 aa 1-400 / 824 (Q9UDY8). (Uniprot: Q9UDY8)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:2000-1:5000



## Images

Western Blot: MALT1 Antibody (PSH02-32) [NBP3-32562] - Western blot analysis of MALT1 on different lysates with Rabbit anti-MALT1 antibody (NBP3-32562) at 1/1,000 dilution.

Lane 1: HCT116 cell lysate  
 Lane 2: Hela cell lysate  
 Lane 3: Ramos cell lysate  
 Lane 4: K-562 cell lysate  
 Lane 5: Jurkat cell lysate  
 Lane 6: HepG2 cell lysate  
 Lane 7: Daudi cell lysate  
 Lane 8: 786-0 cell lysate  
 Lane 9: LNCaP cell lysate  
 Lane 10: PC-3M cell lysate  
 Lane 11: SW480 cell lysate  
 Lane 12: Mouse lymph node(no heat)tissue lysate  
 Lane 13: Mouse thymus tissue lysate  
 Lane 14: Rat thymus tissue lysate

Cell lysates/proteins at 20 ug/Lane, tissue lysates/proteins at 40 ug/Lane.

Predicted band size: 92 kDa  
 Observed band size: 92 kDa

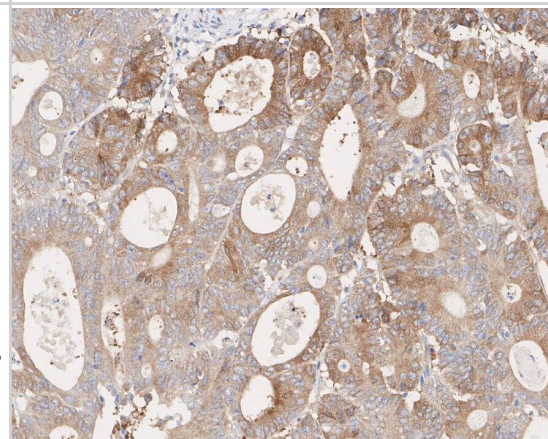
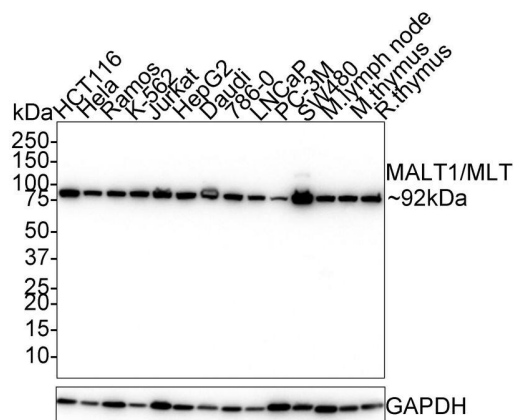
Exposure time: 43 seconds;

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 (NBP3-32562) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: MALT1 Antibody (PSH02-32) [NBP3-32562] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with Rabbit anti-MALT1 antibody (NBP3-32562) at 1/5,000 dilution.

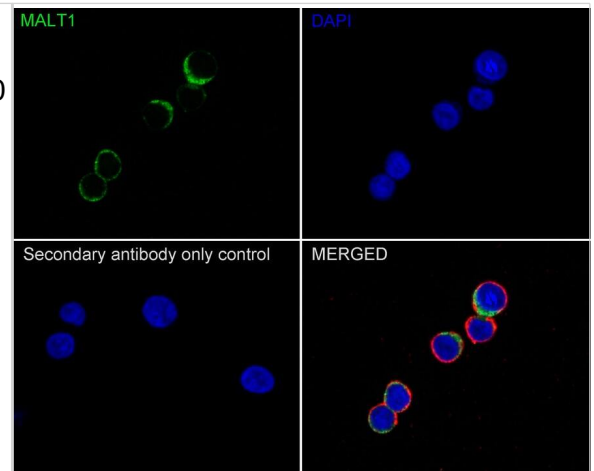
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32562) at 1/5,000 dilution 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: MALT1 Antibody (PSH02-32) [NBP3-32562] - Immunocytochemistry analysis of Ramos cells labeling MALT1 with Rabbit anti-MALT1 antibody (NBP3-32562) 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 Rabbit anti-MALT1 antibody (NBP3-32562) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit 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.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-32562**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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