

# Product Datasheet

## MT-ND3 Antibody - Azide and BSA Free NBP2-93832-0.1ml

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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Updated 2/17/2026 v.20.1

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**NBP2-93832-0.1ml**

MT-ND3 Antibody - Azide and BSA Free

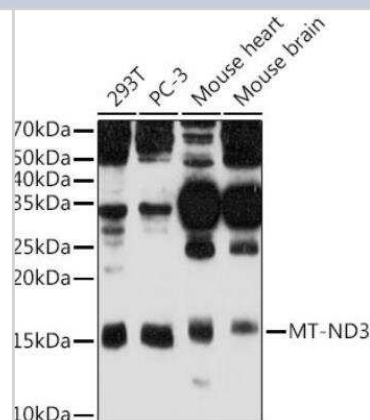
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	13 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit MT-ND3 Antibody - Azide and BSA Free (NBP2-93832) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-MT-ND3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4537
Gene Symbol	ND3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-70 of human MT-ND3 (YP_003024033.1). MNFALILMINTLLALLLMIITFWLPQLNGYMEKSTPYECGFDPMSPARVPFMSMKF FLVAITFLLFDLEIA

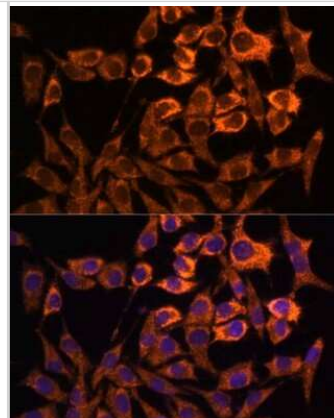
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100 - 1:500, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin

**Images**

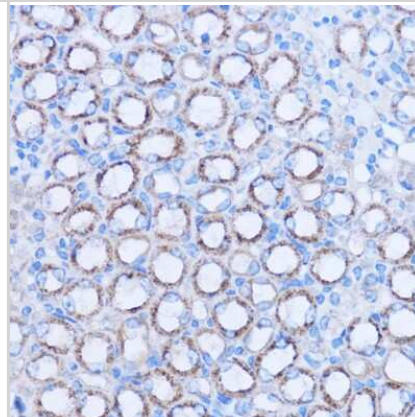
Western Blot: MT-ND3 Antibody [NBP2-93832] - Analysis of extracts of various cell lines, using MT-ND3 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



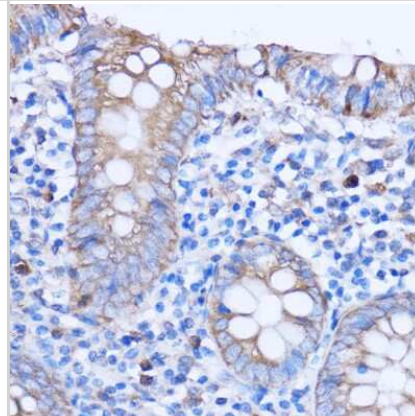
Immunocytochemistry/Immunofluorescence: MT-ND3 Antibody [NBP2-93832] - Analysis of L929 cells using MT-ND3 at dilution of 1:100. Blue: DAPI for nuclear staining.



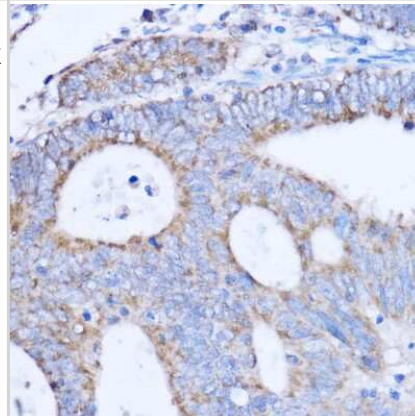
Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-93832] - Mouse kidney using MT-ND3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



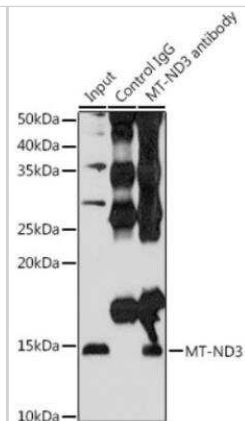
Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-93832] - Human appendix using MT-ND3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



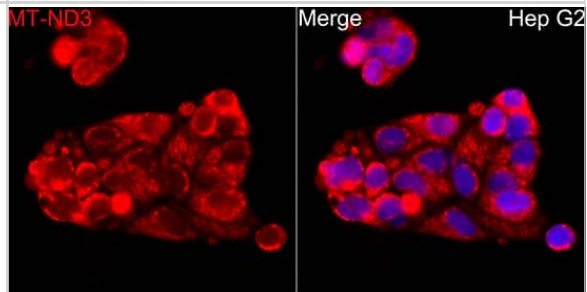
Immunohistochemistry-Paraffin: MT-ND3 Antibody [NBP2-93832] - Human colon carcinoma using MT-ND3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunoprecipitation: MT-ND3 Antibody [NBP2-93832] - Analysis of 200ug extracts of HeLa cells using 3ug MT-ND3 antibody. Western blot was performed from the immunoprecipitate using MT-ND3 antibody at a dilution of 1:500.



Immunocytochemistry/ Immunofluorescence: MT-ND3 Antibody - Azide and BSA Free [MT-ND3] - Immunofluorescence analysis of HepG2 cells using MT-ND3 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



## Publications

Tan L, Qi X, Kong W et al. A conditional knockout rat resource of mitochondrial protein-coding genes via a DdCBE-induced premature stop codon Science advances 2023-04-14 [PMID: 37058569] (WB, KO, Rat)



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### **Products Related to NBP2-93832-0.1ml**

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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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