

Product Datasheet

MT-ND1 Antibody - Azide and BSA Free NBP2-94462-0.1ml

Unit Size: 0.1 ml

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

www.novusbio.com



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Publications: 1

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Updated 9/9/2025 v.20.1

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NBP2-94462-0.1ml

MT-ND1 Antibody - Azide and BSA Free

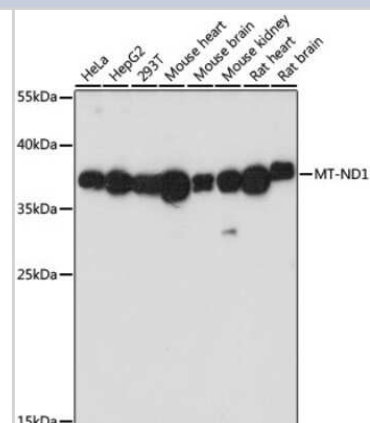
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	36 kDa

Product Description	
Description	Novus Biologicals Rabbit MT-ND1 Antibody - Azide and BSA Free (NBP2-94462) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-MT-ND1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4535
Gene Symbol	ND1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MT-ND1 (YP_003024026.1). MPMANLLLLLIVPILIAMAFMLLTERKILGYMQLRKGPNNVGPYGLLQPFADAMKL FTKEPLKPATSTITLYITAPTLALTIALLLWTPPLPMPNPLVNLNL

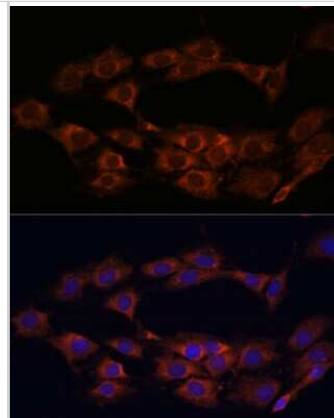
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin

Images

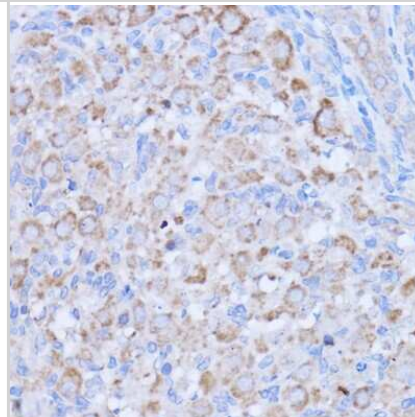
Western Blot: MT-ND1 Antibody [NBP2-94462] - Analysis of extracts of various cell lines, using MT-ND1 at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit .Exposure time: 90s.



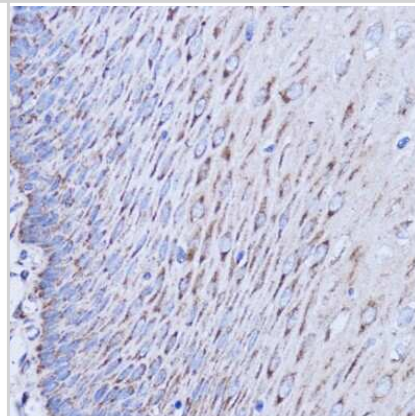
Immunocytochemistry/Immunofluorescence: MT-ND1 Antibody [NBP2-94462] - Analysis of C6 cells using MT-ND1 . Blue: DAPI for nuclear staining.



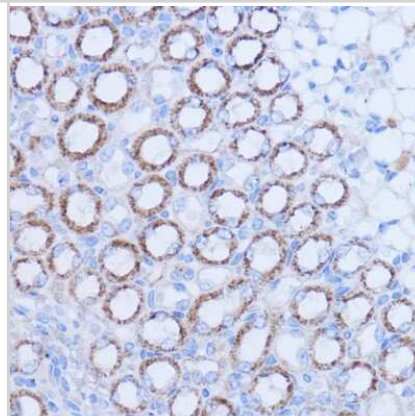
Immunohistochemistry-Paraffin: MT-ND1 Antibody [NBP2-94462] - Rat ovary using MT-ND1 antibody at dilution of 1:100 (40x lens).



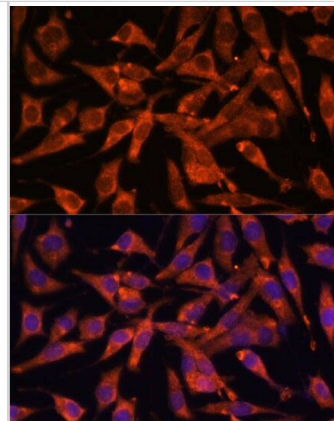
Immunohistochemistry-Paraffin: MT-ND1 Antibody [NBP2-94462] - Human esophageal using MT-ND1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry-Paraffin: MT-ND1 Antibody [NBP2-94462] - Mouse kidney using MT-ND1 antibody at dilution of 1:100 (40x lens).



Immunocytochemistry/ Immunofluorescence: MT-ND1 Antibody - Azide and BSA Free [MT-ND1] - Immunofluorescence analysis of L929 cells using MT-ND1 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Publications

Gu X, Li K, Zhang M et al. Aspartyl-tRNA synthetase 2 orchestrates iron-sulfur metabolism in hematopoietic stem cells via fine-tuning alternative RNA splicing Cell reports 2023-10-31 [PMID: 37838946] (ICC/IF, Mouse)



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Products Related to NBP2-94462-0.1ml

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

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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