

Product Datasheet

ERp72 Antibody (OTI2B9)

NBP2-01652

Unit Size: 0.1 ml

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

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Publications: 1

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NBP2-01652

ERp72 Antibody (OTI2B9)

Product Information	
Unit Size	0.1 ml
Concentration	0.84 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2B9
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	72.8 kDa

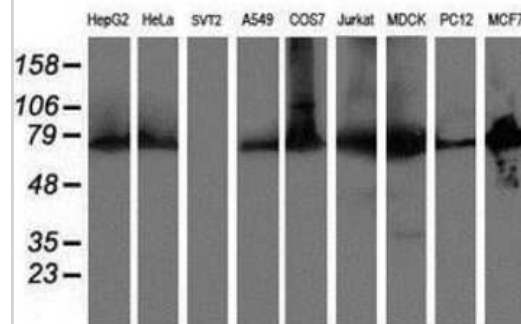
Product Description	
Description	Novus Biologicals Mouse ERp72 Antibody (OTI2B9) (NBP2-01652) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ERp72 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9601
Gene Symbol	PDIA4
Species	Human, Mouse, Rat, Canine, Primate, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Marker	Endoplasmic Reticulum Marker
Immunogen	Full length human recombinant protein of human PDIA4(NP_004902) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence Validated for Immunocytochemistry/Immunofluorescence from a verified customer review., Immunohistochemistry-Paraffin 1:150

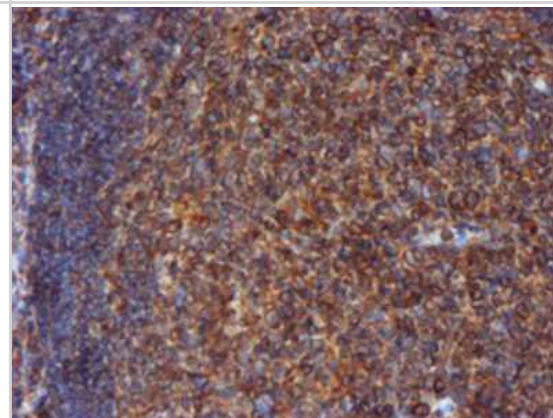


Images

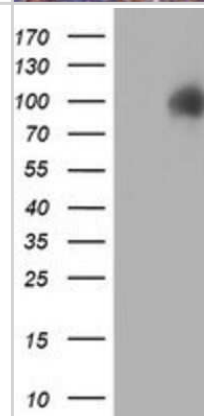
Western Blot: ERp72 Antibody (2B9) [NBP2-01652] Analysis of extracts (35ug) from 9 different cell lines by using anti-ERp72 monoclonal antibody.



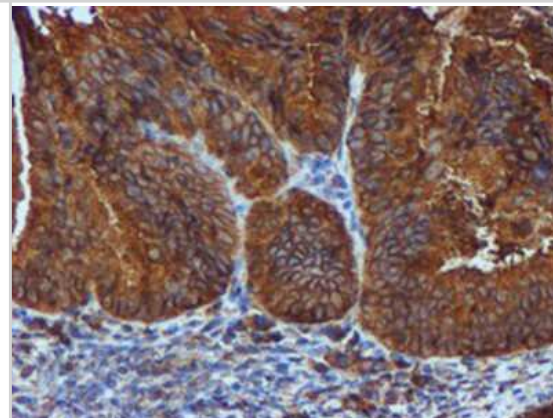
Immunohistochemistry-Paraffin: ERp72 Antibody (2B9) [NBP2-01652] - Staining of paraffin-embedded Human tonsil using anti-ERp72 mouse monoclonal antibody.



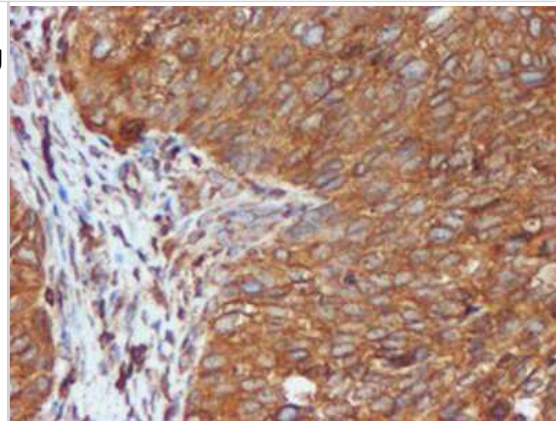
Western Blot: ERp72 Antibody (2B9) [NBP2-01652] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ERp72 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ERp72.



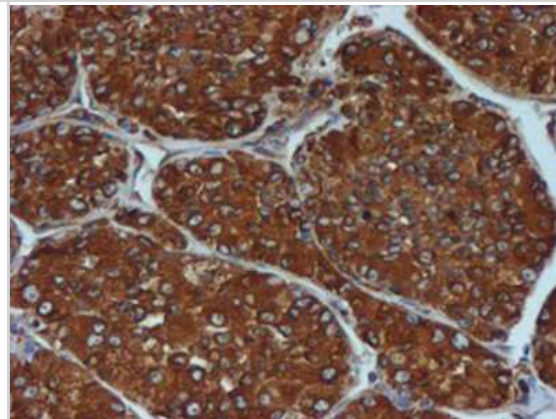
Immunohistochemistry-Paraffin: ERp72 Antibody (2B9) [NBP2-01652] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-ERp72 mouse monoclonal antibody.



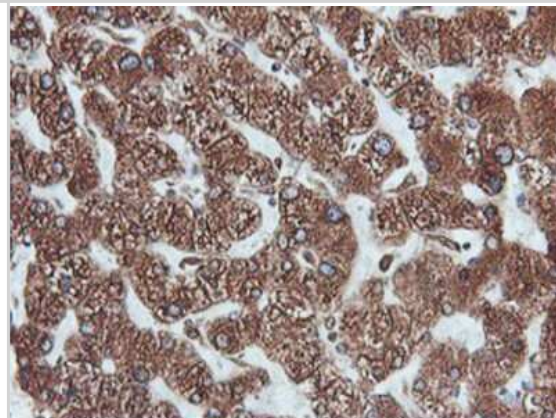
Immunohistochemistry-Paraffin: ERp72 Antibody (2B9) [NBP2-01652] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-ERp72 mouse monoclonal antibody.



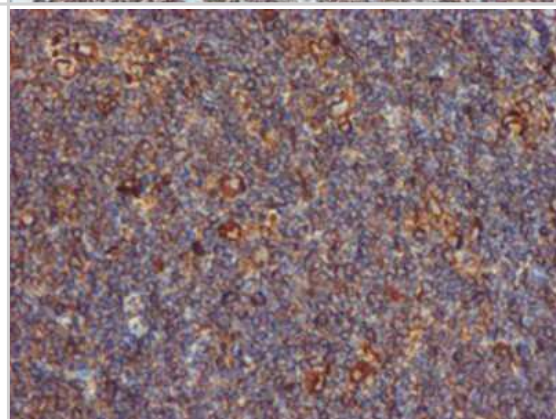
Immunohistochemistry-Paraffin: ERp72 Antibody (2B9) [NBP2-01652] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-ERp72 mouse monoclonal antibody.



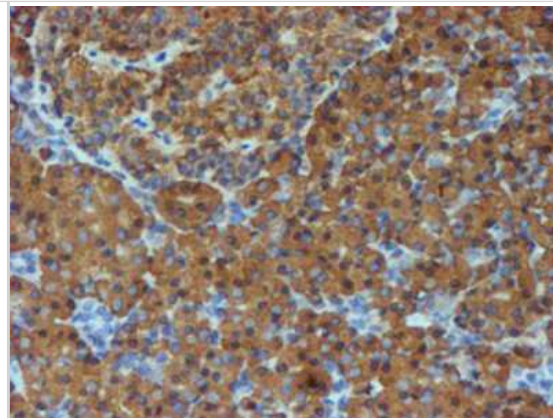
Immunohistochemistry-Paraffin: ERp72 Antibody (2B9) [NBP2-01652] - Staining of paraffin-embedded Human liver tissue using anti-ERp72 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: ERp72 Antibody (2B9) [NBP2-01652] - Staining of paraffin-embedded Human lymphoma tissue using anti-ERp72 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: ERp72 Antibody (2B9) [NBP2-01652] - Staining of paraffin-embedded Human pancreas tissue using anti-ERp72 mouse monoclonal antibody.



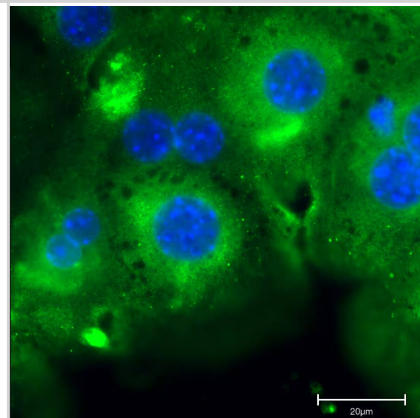
Western Blot: ERp72 Antibody (2B9) [NBP2-01652] - Western Blot of lysate of PC-3 cells. Image from verified customer review.

MW, KDa

260
140
100
70
50
40
35



Immunocytochemistry/Immunofluorescence: Mouse ERp72 mAb (OT12B9) [NBP2-01652] - Primary mouse hepatocytes stained with ERp72 mAb. Image from a verified customer review.



Publications

Amanda M, Artem P, Taylor D et al. Targeting the ATF6-mediated ER stress response and autophagy blocks integrin-driven prostate cancer progression Mol Cancer Res. 2023-06-14 [PMID: 37314749] (Western Blot, Human)



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Products Related to NBP2-01652

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)

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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