

Product datasheet for **TA503882AM**

ERp72 (PDIA4) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2C11]

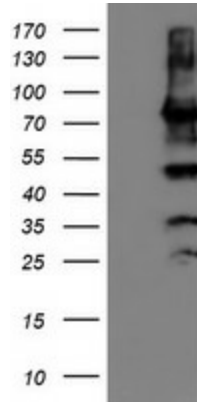
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2C11
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150
Reactivity:	Human, Dog, Monkey, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PDIA4(NP_004902) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	72.8 kDa
Gene Name:	protein disulfide isomerase family A member 4
Database Link:	NP_004902 Entrez Gene 12304 Mouse Entrez Gene 116598 Rat Entrez Gene 482715 Dog Entrez Gene 709716 Monkey Entrez Gene 9601 Human P13667
Synonyms:	ERp-72; ERP70; ERP72
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Vibrio cholerae infection

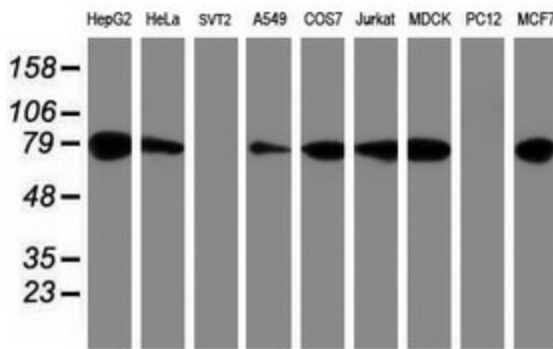


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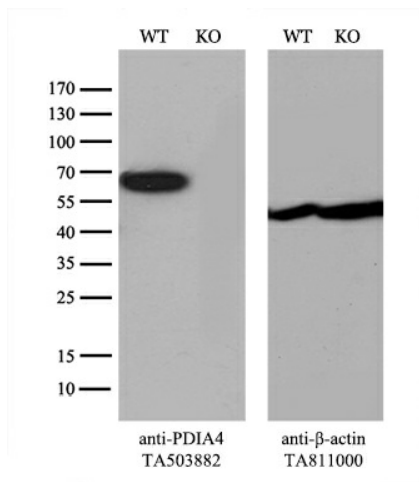
Product images:



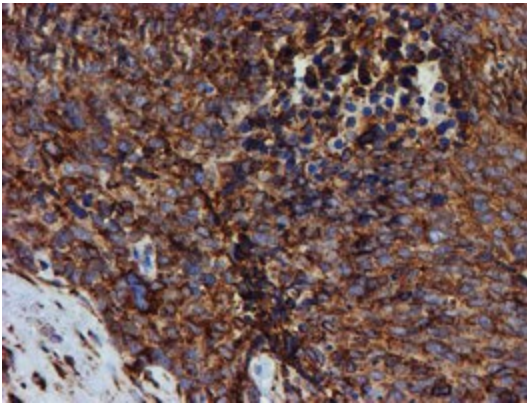
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PDIA4 (Cat# [RC204041], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDIA4 (Cat# [TA503882]). Positive lysates [LY401531] (100ug) and [LC401531] (20ug) can be purchased separately from OriGene.



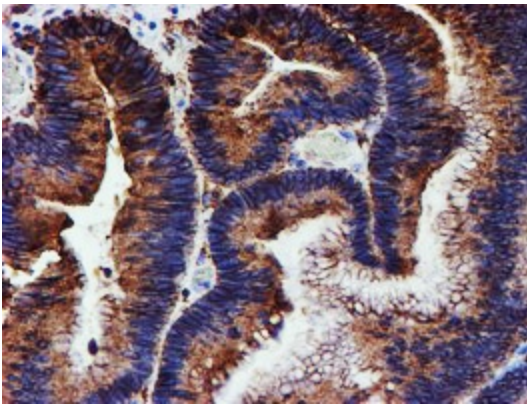
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PDIA4 monoclonal antibody.



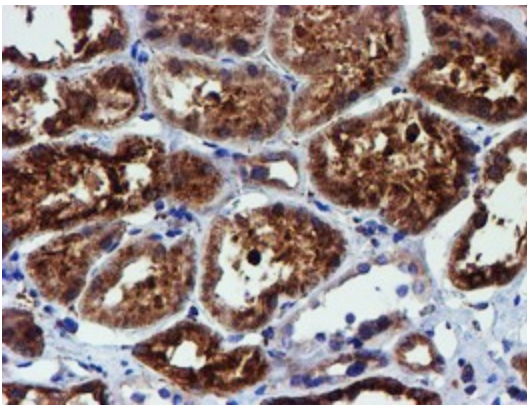
Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and PDIA4-Knockout 293T cells (KO, Cat# [LC841833]) were separated by SDS-PAGE and immunoblotted with anti-PDIA4 monoclonal antibody [TA503882], (1:500). Then the blotted membrane was stripped and reprobed with anti- β -actin antibody ([TA811000]) as a loading control.



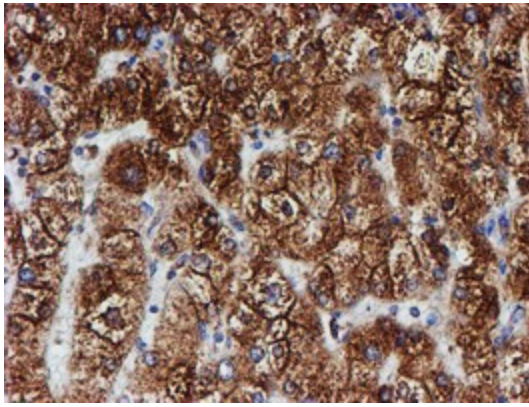
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



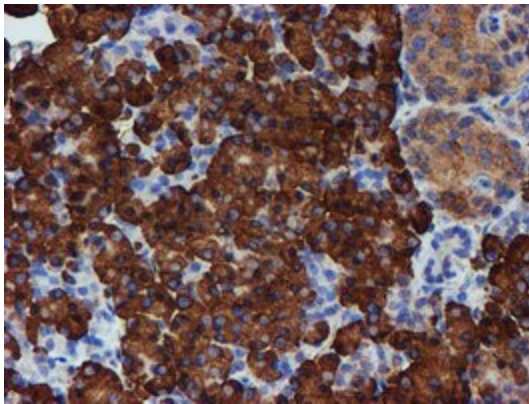
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



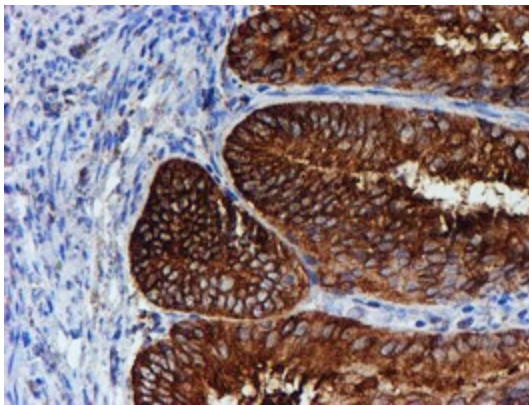
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



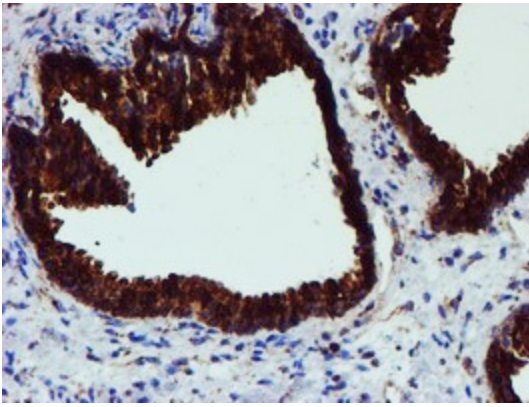
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



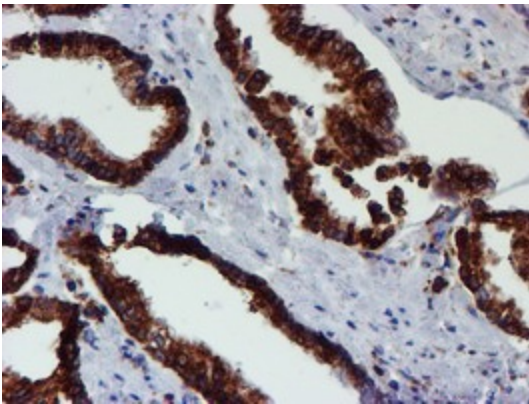
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



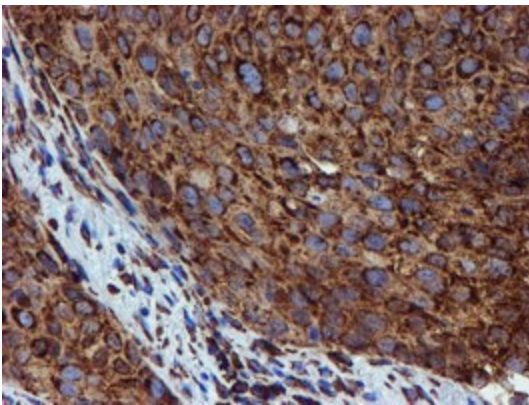
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



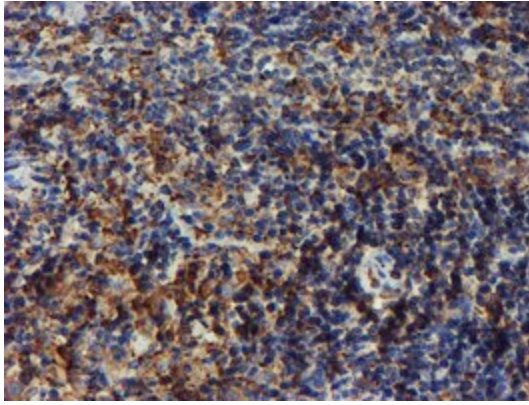
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



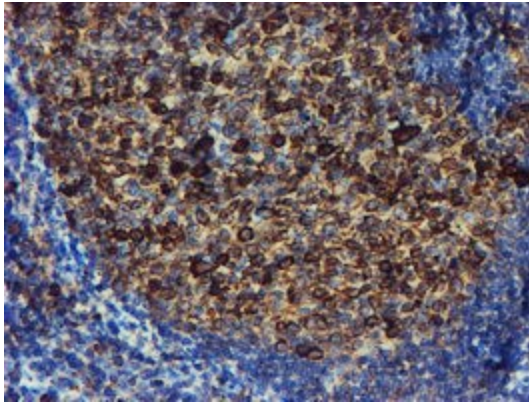
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503882])