

Product datasheet for **CF504129**

ERp72 (PDIA4) Mouse Monoclonal Antibody [Clone ID: OTI2B9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B9
Applications:	IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150
Reactivity:	Human, Dog, Rat, Monkey, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protei of human PDIA4(NP_004902) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
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

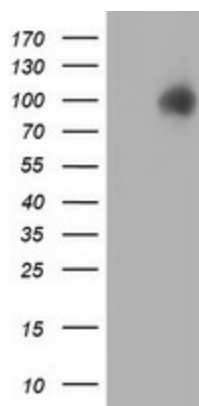


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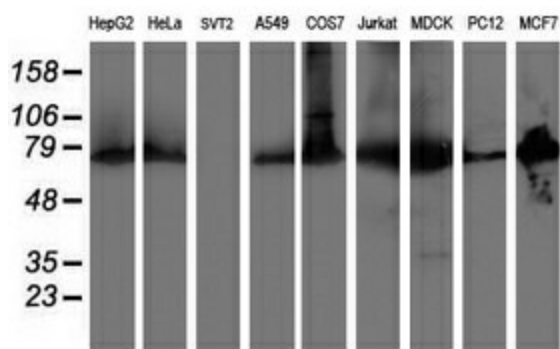
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Vibrio cholerae infection

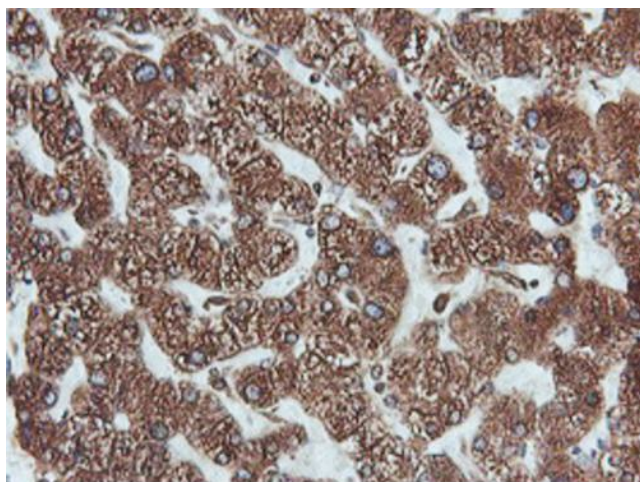
Product images:



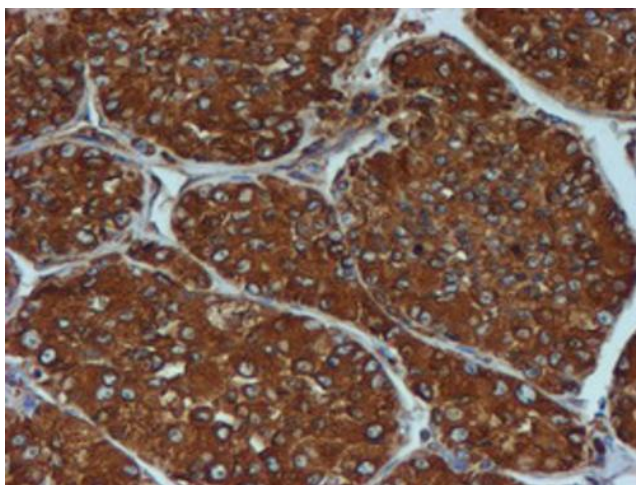
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDIA4 ([RC204041], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDIA4. Positive lysates [LY401531] (100ug) and [LC401531]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



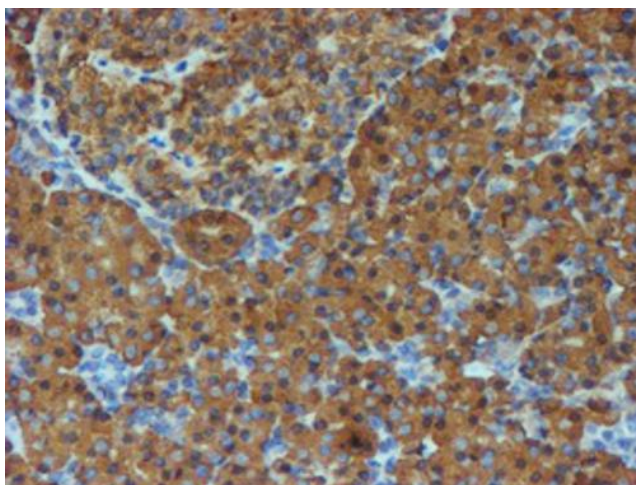
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PDIA4 monoclonal antibody.



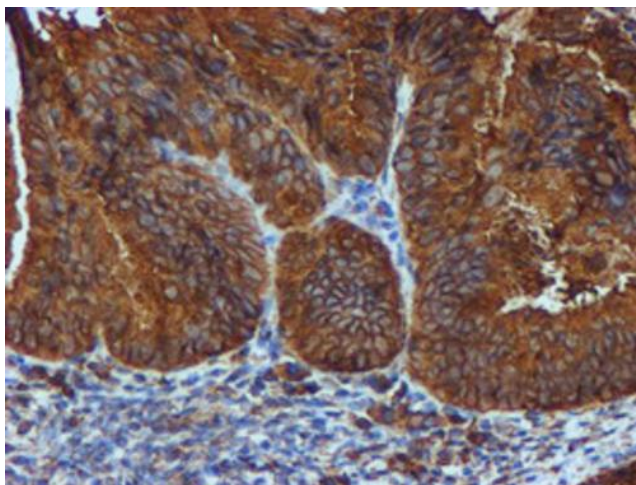
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



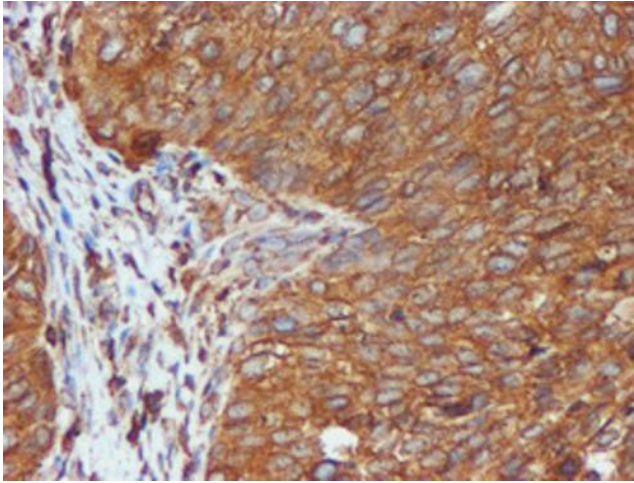
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



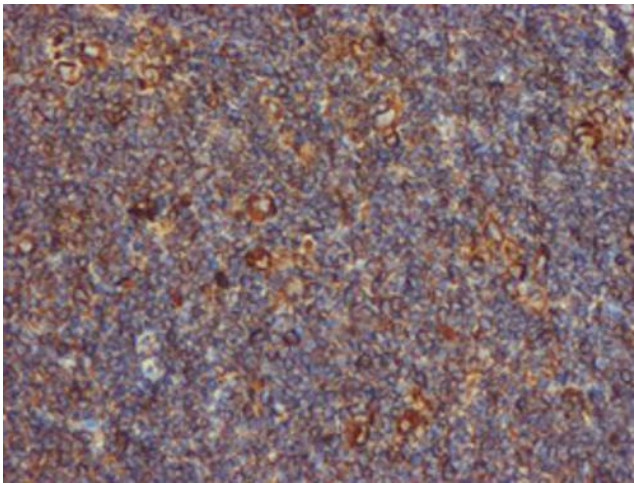
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



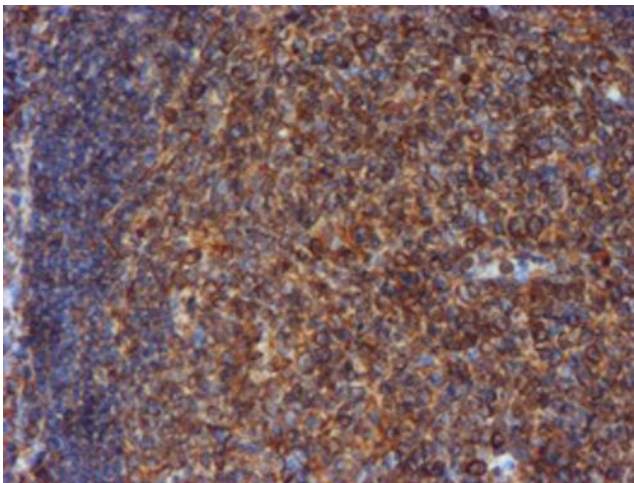
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



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, [TA504129])



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, [TA504129])



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, [TA504129])