

## Product datasheet for **TA504129AM**

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

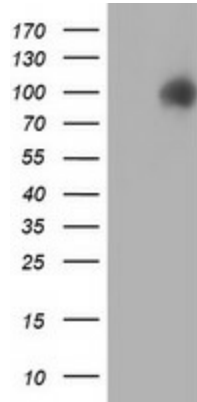
#### Product data:

|                         |  |
|-------------------------|--|
| 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:            | 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:          | <a href="#">NP_004902</a><br><a href="#">Entrez Gene 12304 Mouse</a> <a href="#">Entrez Gene 116598 Rat</a> <a href="#">Entrez Gene 482715 Dog</a> <a href="#">Entrez Gene 709716 Monkey</a> <a href="#">Entrez Gene 9601 Human P13667</a> |
| Synonyms:               | ERp-72; ERP70; ERP72   |
| Protein Families:       | Druggable Genome, Transmembrane  |
| Protein Pathways:       | Vibrio cholerae infection  |

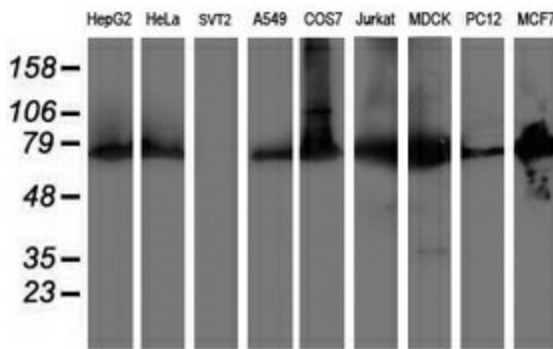


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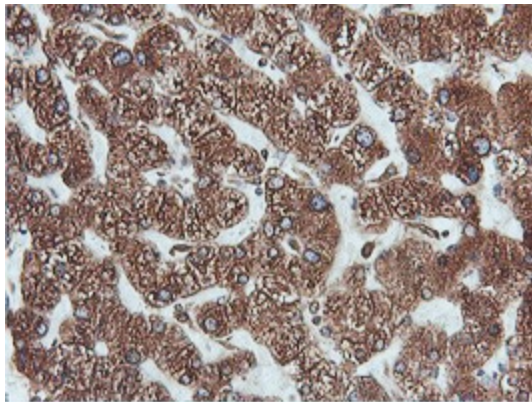
**Product images:**



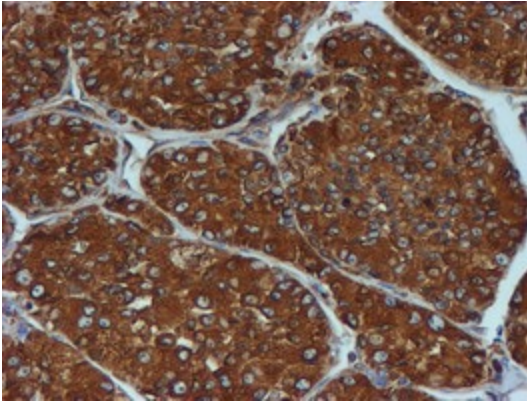
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PDIA4 ([RC204041], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PDIA4. Positive lysates [LY401531] (100ug) and [LC401531]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



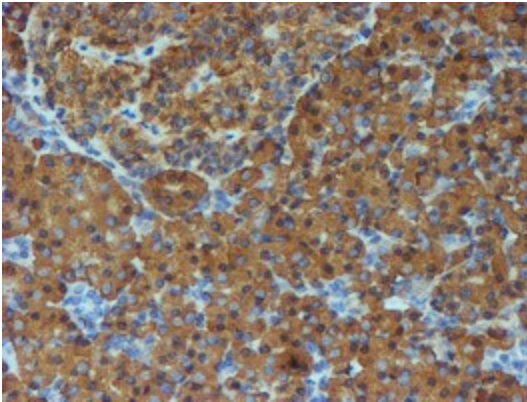
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PDIA4 monoclonal antibody.



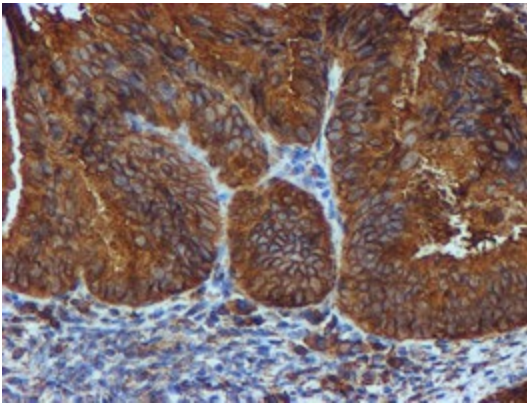
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



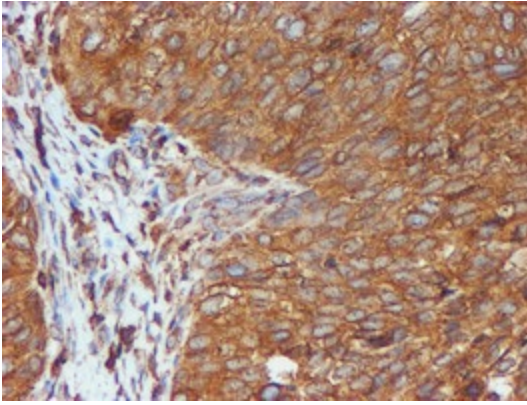
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



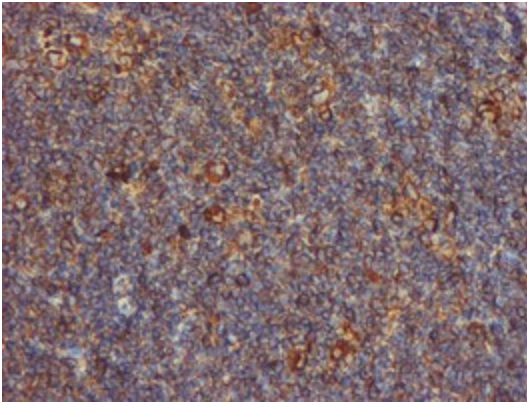
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



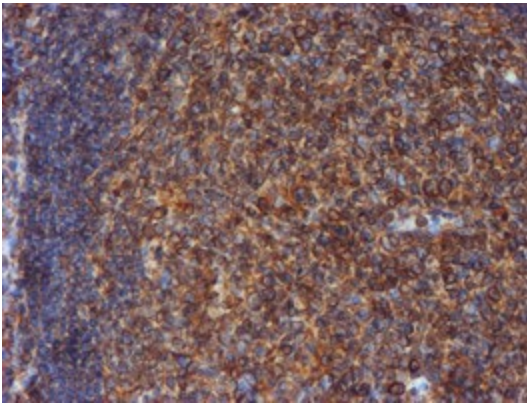
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-PDIA4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA504129])



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])