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PDIA4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant PDIA4.
Catalog # AT3260a

Product Information

Application	WB, E
Primary Accession	P13667
Other Accession	BC000425
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4C6
Calculated MW	72932

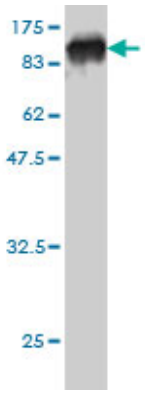
Additional Information

Gene ID	9601
Other Names	Protein disulfide-isomerase A4, Endoplasmic reticulum resident protein 70, ER protein 70, ERp70, Endoplasmic reticulum resident protein 72, ER protein 72, ERp-72, ERp72, PDIA4, ERP70, ERP72
Target/Specificity	PDIA4 (AAH00425, 21 a.a. ~ 645 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	PDIA4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

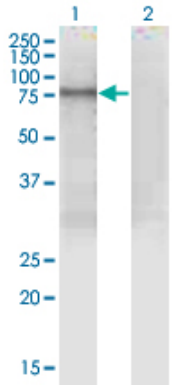
References

Sequential use of transcriptional profiling, expression quantitative trait mapping, and gene association implicates MMP20 in human kidney aging. Wheeler HE, et al. PLoS Genet, 2009 Oct. PMID 19834535.A possible biochemical link between NADPH oxidase (Nox) 1 redox-signalling and ERp72. Chen W, et al. Biochem J, 2008 Nov 15. PMID 18620548.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.Proteomic and bioinformatic characterization of the biogenesis and function of melanosomes. Chi A, et al. J Proteome Res, 2006 Nov. PMID 17081065.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

Images

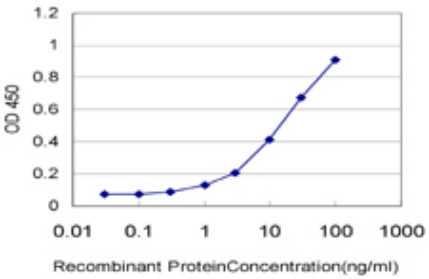


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (94.49 KDa) .



Western Blot analysis of PDIA4 expression in transfected 293T cell line by PDIA4 monoclonal antibody (M01), clone 4C6.

Lane 1: PDIA4 transfected lysate (Predicted MW: 72.9 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged PDIA4 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.