

PDIA4 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant PDIA4.****Catalog # AT3260a****Specification**

PDIA4 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	P13667
Other Accession	BC000425
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	72932

PDIA4 Antibody (monoclonal) (M01) - 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.

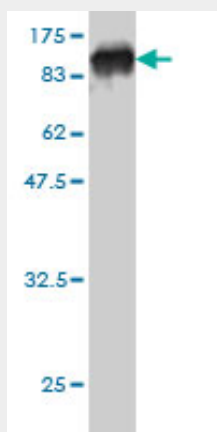
PDIA4 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

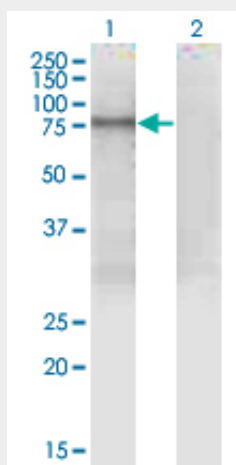
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PDIA4 Antibody (monoclonal) (M01) - Images

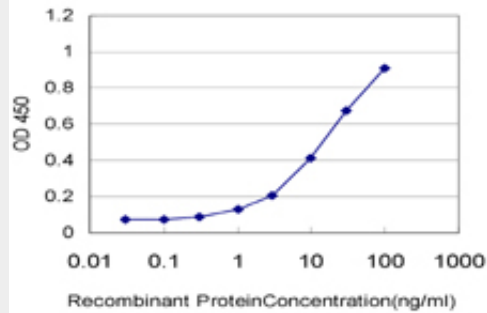


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (94.49 KDa) .



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.

PDIA4 Antibody (monoclonal) (M01) - 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.