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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PDIA6 monoclonal antibody (M04), clone 3B4

Catalog # : H00010130-M04

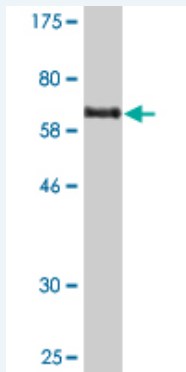
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant PDIA6.
Immunogen:	PDIA6 (AAH01312, 1 a.a. ~ 440 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MALLVLGLVSTFFLAVNGLYSSDDVIELTPSNFNREVIQSDSLWLVEFYAPWCGHCQRLTPEWKKAAATALKDVKVGAVDADKHHSLGGQYGVQGFPTIKIFGSNKNRPEDYQGGRTGEAMDAALSALRQLVKDRLGGRSGGYSSGKQGRSDSSSKDVIELTDDSFDRNVLDSEVVMVEFYAPWCGHCKNLEPEWAAAASEVKEQTKGKVKLAAVDATVNQVLASRYGIRGFPTIKIFQKGESPVYDYGGRTRSDIVSRALDLFSDNAPPPELLEINEDIAKRTCEEHQLCVVAVLPHILDTGAAGRNSYLEVLLKLADKYKKMMWGWLWTEAGAQS ELETALGIGGFYPAMAANARKMKFALLKGSFSEQGINEFLRELSFGRGSTAPVGGGAFPTMEREPWDGRDGELPVEGDIDLSDVELDDLKDEL
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (74.14 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

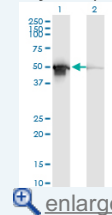
Datasheet: [Download](#)

Publication Reference

1. [Thioredoxin-interacting protein regulates protein disulfide isomerases and endoplasmic reticulum stress.](#)
Lee S, Min Kim S, Dotimas J, Li L, Feener EP, Baldus S, Myers RB, Chutkow WA, Patwari P, Yoshioka J, Lee RTEMBO Mol Med. 2014 May 19;6(6):732-43. doi: 10.15252/emmm.201302561.

Application Image

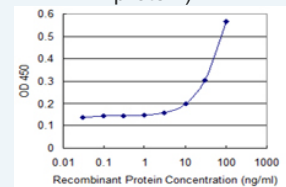
Western Blot (Transfected lysate)



[enlarge](#)

Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)

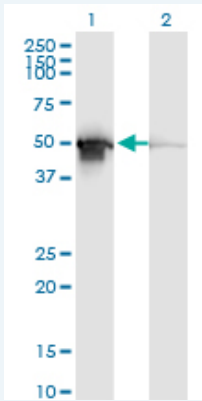


[enlarge](#)

ELISA

Applications

Western Blot (Transfected lysate)



Western Blot analysis of PDIA6 expression in transfected 293T cell line by PDIA6 monoclonal antibody (M04), clone 3B4.

Lane 1: PDIA6 transfected lysate (48.1 kDa).

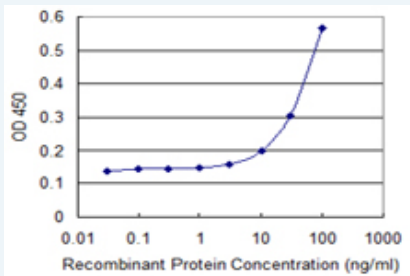
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PDIA6 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [10130](#)

GeneBank [BC001312](#)
Accession#:

Protein [AAH01312](#)
Accession#:

Gene Name: PDIA6

Gene Alias: ERP5,P5,TXNDC7

Gene Description: protein disulfide isomerase family A, member 6

Omim ID: [611099](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Protein disulfide isomerases (EC 5.3.4.1), such as PDIA6, are endoplasmic reticulum (ER) resident proteins that catalyze formation,

reduction, and isomerization of disulfide bonds in proteins and are thought to play a role in folding of disulfide-bonded proteins (Hayano and Kikuchi, 1995 [PubMed 7590364]).[supplied by OMIM

Other Designations: endoplasmic reticulum protein 5,protein disulfide isomerase-associated 6,protein disulfide isomerase-related protein,thioredoxin domain containing 7 (protein disulfide isomerase)

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