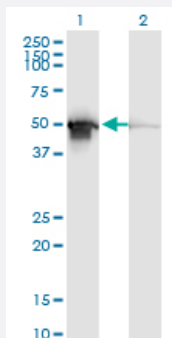


PDIA6 monoclonal antibody (M04A), clone 3B4

Catalog # H00010130-M04A

Size 200 uL

Applications

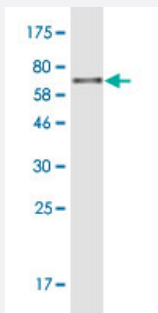


Western Blot (Transfected lysate)

Western Blot analysis of PDIA6 expression in transfected 293T cell line by PDIA6 monoclonal antibody (M04A), clone 3B4.

Lane 1: PDIA6 transfected lysate(48.1 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (74.14 KDa) .

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

MALLVLGLVSCFFLA VNGLYSSSDDVIELTPSNFNREVIQSDSLWLVEFYAPWCGHCQRLTPEW
KKAATALKDVVKVGAVDADKHHS LGGQYGVQGFP TIKIFGSNKNRPEDYQGGRTGEAMDAALSA
LRQLVKDRLGGRSGGYSSGKQGRSDSSSKKDVIELTDDSFDRNVLDSEDVMMVEFYAPWCGH
CKNLEPEWAAAASEVKEQTKGKVLA AVDATVNQVLASRYGIRGFPTIKIFQKGESPV DYDGGRT
RSDIVSRALDLFSDNAPPELLEIINEDIAKRTCEEHQLCVVAVLPHILDTGAAGRNSYLEVLLKLAD
KYKKKMWGWLWTEAGA QSELETALGIGGFGYPAMAAINARKMKFALLKGSFSEQGINEFLRELSF
GRGSTAPVGGGAFPTIVEREPWDGRDGELPVEGDIDLSDVELDDL GKDEL

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (74.14 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PDIA6 expression in transfected 293T cell line by PDIA6 monoclonal antibody (M04A), clone 3B4.

Lane 1: PDIA6 transfected lysate(48.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDIA6

Entrez GeneID	10130
GeneBank Accession#	BC001312
Protein Accession#	AAH01312
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)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)