

For Research Use Only

# PDIA6 Recombinant monoclonal antibody

Catalog Number:87234-1-RR



## Basic Information

<b>Catalog Number:</b> 87234-1-RR	<b>GenBank Accession Number:</b> NM_005742.3	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 10130	<b>CloneNo.:</b> 252495E10
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q15084-1	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IF/ICC: 1:250-1:1000
<b>Immunogen Catalog Number:</b> EG5454	<b>Full Name:</b> protein disulfide isomerase family A, member 6	
	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 54 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> HeLa cells, HeLa, HepG2, HEK-293, L02, K-562, NIH-3T3, HSC-T6 cells
	<b>IF/ICC :</b> HeLa cells,

## Background Information

PDIA6(Protein disulfide-isomerase A6) is also named as ERP5, P5, TXNDC7 and belongs to the protein disulfide isomerase family.It is one of the 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(PMID:7590364).It has 2 isoforms produced by alternative splicing.This antibody is specific to PDIA6.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

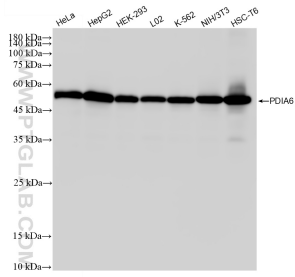
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

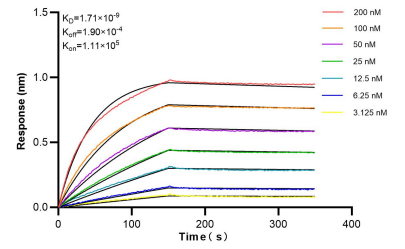
**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87234-1-RR (PDIA6 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PDIA6 antibody (87234-1-RR, Clone: 252495E10) at dilution of 1:500 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bilayer interferometry (BLI) kinetic assays of 87234-1-RR against Human PDIA6 were performed. The affinity constant is 1.71 nM.