

For Research Use Only

PDIA6 Recombinant monoclonal antibody, PBS Only

Catalog Number:87234-1-PBS



Basic Information

Catalog Number: 87234-1-PBS	GenBank Accession Number: NM_005742.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10130	CloneNo.: 252495E10
Isotype: IgG	UNIPROT ID: Q15084-1	
Immunogen Catalog Number: EG5454	Full Name: protein disulfide isomerase family A, member 6	
	Calculated MW: 48 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

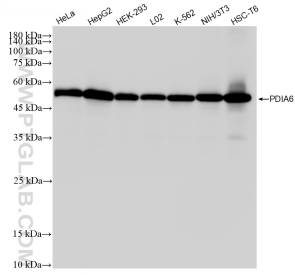
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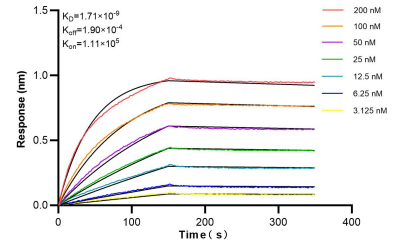
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Selected Validation Data



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. This data was developed using the same antibody clone with 87234-1-PBS in a different storage buffer formulation.

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). This data was developed using the same antibody clone with 87234-1-PBS in a different storage buffer formulation.



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