

For Research Use Only

PDIA4 Recombinant antibody, PBS Only

Catalog Number: 86239-1-PBS



Basic Information

Catalog Number:

86239-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3011

GenBank Accession Number:

NM_004911.5

GeneID (NCBI):

9601

UNIPROT ID:

P13667

Full Name:

protein disulfide isomerase family A,
member 4

Calculated MW:

73 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

250697E10

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PDIA4 (Protein disulfide-isomerase A4) is also named as ERP70, ERP72 and belongs to the protein disulfide isomerase family. It catalyzes the rearrangement of -S-S- bonds in proteins. ERp72 is a soluble protein localized in the ER lumen and contains the COOH-terminal retention signal, KEEL. There are 6 cysteine residues in the amino acid sequences of mouse and human ERp72. All of the cysteine residues occur in the internal thioredoxin motif, CGHC (PMID:15475357). The full length protein has a signal peptide with 20 amino acid.

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:

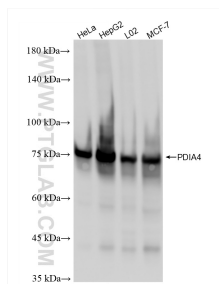
T: 4006900926

E: Proteintech-CN@ptglab.com

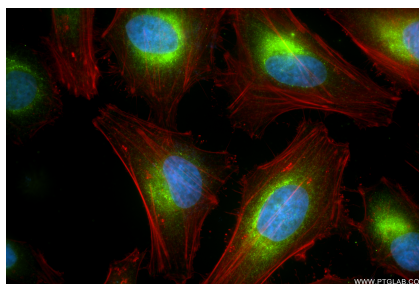
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86239-1-RR (PDIA4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86239-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PDIA4 antibody (86239-1-RR, Clone: 250697E10) at dilution of 1:1000 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 86239-1-PBS in a different storage buffer formulation.