

For Research Use Only

PDIA6 Monoclonal antibody, PBS Only



Catalog Number: 66669-1-PBS

Basic Information

Catalog Number:

66669-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27608

GenBank Accession Number:

BC001312

GeneID (NCBI):

10130

UNIPROT ID:

Q15084

Full Name:

protein disulfide isomerase family A, member 6

Calculated MW:

48 kDa, 54 kDa

Observed MW:

54 kDa

Purification Method:

Protein A purification

CloneNo.:

1G2D4

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

Human, Mouse, Rat

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 the formation, reduction, and isomerization of disulfide bonds in proteins and is thought to play a role in the 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.

Storage Buffer:

PBS Only

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

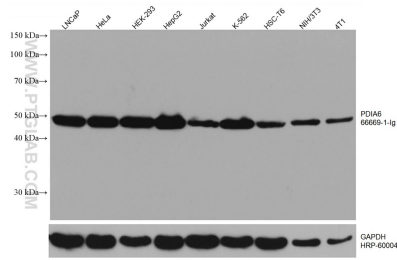
T: 4006900926

E: Proteintech-CN@ptglab.com

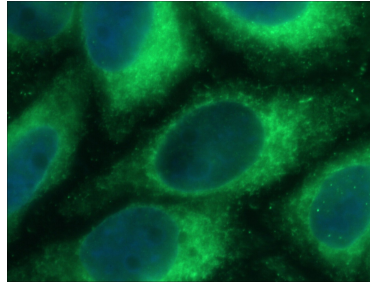
W: ptgcn.com

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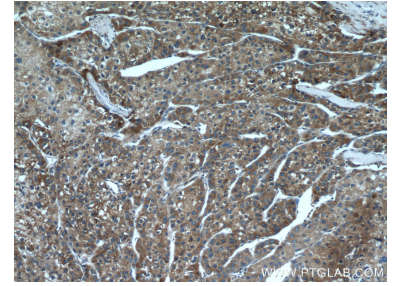
Selected Validation Data



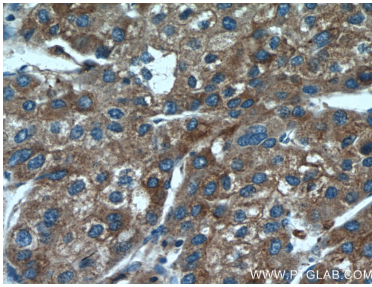
Various lysates were subjected to SDS PAGE followed by western blot with 66669-1-Ig (PDIA6 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 66669-1-PBS in a different storage buffer formulation.



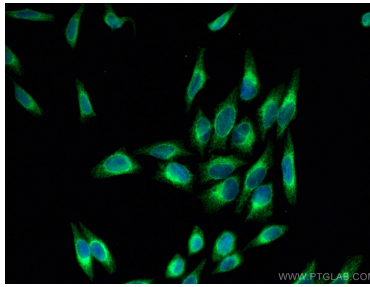
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 66669-1-Ig (PDIA6 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66669-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66669-1-Ig (PDIA6 antibody) at dilution of 1:300 (under 10x lens). This data was developed using the same antibody clone with 66669-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66669-1-Ig (PDIA6 antibody) at dilution of 1:300 (under 40x lens). This data was developed using the same antibody clone with 66669-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using PDIA6 antibody (66669-1-Ig, Clone: 1G2D4) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66669-1-PBS in a different storage buffer formulation.