

For Research Use Only

# PCMT1 Monoclonal antibody

Catalog Number: 60172-1-Ig



## Basic Information

Catalog Number:

60172-1-Ig

Concentration:

1500 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6277

GenBank Accession Number:

BC008748

GeneID (NCBI):

5110

Full Name:

protein-L-isoaspartate (D-aspartate)

O-methyltransferase

Calculated MW:

25 kDa

Observed MW:

25-27 kDa

Purification Method:

Protein G purification

CloneNo.:

3C8G8

Recommended Dilutions:

WB 1:1000-1:10000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, pig

Positive Controls:

WB : HeLa cells, Raji cells, pig brain tissue, HEK-293 cells, HepG2 cells, K-562 cells

IF/ICC : HeLa cells,

## Background Information

The PCMT1 gene encodes the protein repair enzyme protein-L-isoaspartate (D-aspartate) O-methyltransferase, which is known to protect certain neural cells against Bax-induced apoptosis.

## 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:

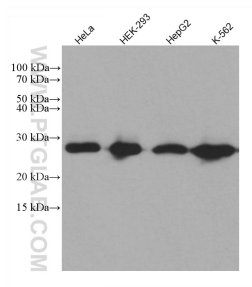
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

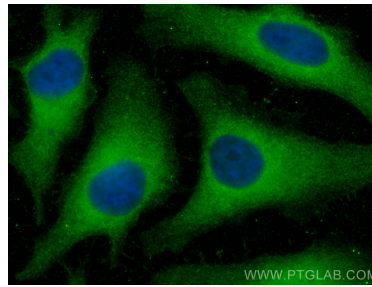
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60172-1-Ig (PCMT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PCMT1 antibody (60172-1-Ig, Clone: 3C8G8 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).