

For Research Use Only

# PCMT1 Monoclonal antibody, PBS Only



Catalog Number: 60172-1-PBS

## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>60172-1-PBS      | <b>GenBank Accession Number:</b><br>BC008748                                     | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>1 mg/ml                    | <b>GeneID (NCBI):</b><br>5110  | <b>CloneNo.:</b><br>3C8G8                             |
| <b>Source:</b><br>Mouse                    | <b>Full Name:</b><br>protein-L-isoaspartate (D-aspartate)<br>O-methyltransferase |   |
| <b>Isotype:</b><br>IgG1                    | <b>Calculated MW:</b><br>25 kDa  |   |
| <b>Immunogen Catalog Number:</b><br>AG6277 | <b>Observed MW:</b><br>25-27 kDa   |   |

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IF

**Species Specificity:**  
human, pig

## 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 -80°C.

**Storage Buffer:**  
PBS Only

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

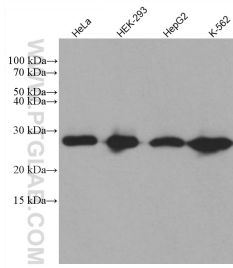
T: 4006900926

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

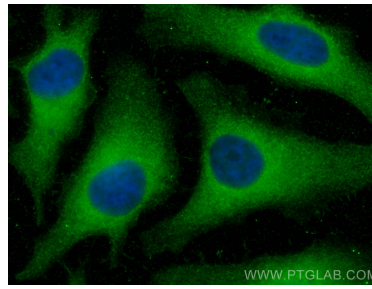
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 60172-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 60172-1-PBS in a different storage buffer formulation.