

For Research Use Only

PCMT1 Monoclonal antibody

Catalog Number: 60172-1-Ig



Basic Information

Catalog Number: 60172-1-Ig	GenBank Accession Number: BC008748	Purification Method: Protein A purification
Size: 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5110	CloneNo.: 3C8G8
Source: Mouse	Full Name: protein-L-isoaspartate (D-aspartate) O-methyltransferase	Recommended Dilutions: WB 1:1000-1:10000 IF/ICC 1:200-1:800
Isotype: IgG1	Calculated MW: 25 kDa	
Immunogen Catalog Number: AG6277	Observed MW: 25-27 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, pig	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

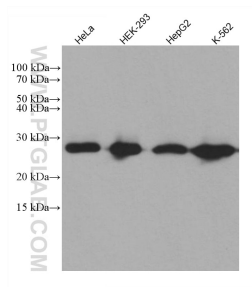
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

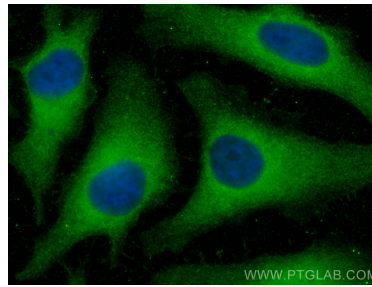
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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 Goat Anti-Mouse IgG(H+L).