

# Anti-PCMT1 Antibody (clone 4G9)

Mouse Anti Human Monoclonal Antibody  
Catalog # ALS18347

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">P22061</a>
<b>Predicted</b>	Human, Rat
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a,k
<b>Clone Names</b>	4G9
<b>Calculated MW</b>	24636
<b>Concentration (mg/ml)</b>	0.43 mg/ml

## Additional Information

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<b>Gene ID</b>	5110
<b>Alias Symbol</b>	PCMT1
<b>Other Names</b>	PCMT1, PIMT
<b>Target/Specificity</b>	Human PCMT1
<b>Reconstitution &amp; Storage</b>	Protein A purified
<b>Precautions</b>	Anti-PCMT1 Antibody (clone 4G9) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PCMT1
<b>Function</b>	Initiates the repair of damaged proteins by catalyzing methyl esterification of L-isoaspartyl and D-aspartyl residues produced by spontaneous isomerization and racemization of L-aspartyl and L-asparaginyl residues in aging peptides and proteins (PubMed: <a href="#">3167043</a> , PubMed: <a href="#">6469980</a> ). Acts on EIF4EBP2, microtubule-associated protein 2, calreticulin, clathrin light chains a and b, Ubiquitin C-terminal hydrolase isozyme L1, phosphatidylethanolamine-binding protein 1, stathmin, beta-synuclein and alpha-synuclein (By similarity).
<b>Cellular Location</b>	Cytoplasm, cytosol.