

Anti-PCMT1 Antibody (9L379)

Product Details

Ig Type:	IgG1, Kappa
Reactivity:	Human
Clone:	9L379
Purification:	Protein G purified

Applications

Verified Activity:	1. Cell line: HeLa
	Fixative: 100% Ice-cold methanol
	Permeabilization: 0.1% TritonX-100
	Primary ab dilution: 1:50
	Primary incubation condition: 4°C overnight
	Secondary ab: Goat Anti-Mouse IgG
	Nuclear counter stain: DAPI (Blue)
	Comment: Color green is the positive signal for TMAB-10071
	2. Blocking buffer: 5% NFDM/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: 2 hours at room temperature
	Secondary ab: Goat Anti-Mouse IgG H&L (HRP)
	Lysate:1: HeLa, 2: 293T
Protein loading quantity: 20 µg	
Exposure time: 30 s	
Predicted MW: 27 kDa	
Observed MW: 27 kDa	
Application:	WB,ICC/IF
Recommended	WB: 1:500-1000; ICC/IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID:	5110
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Research Background

PCMT1 (Protein-L-isoaspartate (D-aspartate) O-methyltransferase) plays a role in the repair and/or degradation of damaged proteins by initiating the conversion of abnormal D-aspartyl and L-isoaspartyl residues to the normal L-aspartyl form. It catalyzes the methyl esterification of L-isoaspartyl and D-aspartyl residues in peptides and proteins that result from spontaneous deamidation, isomerization, and racemization of normal L-aspartyl and L-asparaginyl residues.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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