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[Primary Antibody]

Mouse Anti-PRMT1 antibody

Catalog Number: SLM-60255M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	C8E11
Target:	PRMT1
Purification:	Affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Subcellular Location:	The nucleus The cell membrane
Background:	Arginine methyltransferase that methylates (mono- and asymmetric dimethylation) the guanidino nitrogens of arginine residues in proteins such as ESR1, histones H2, H3 and H4, ILF3, HNRNPA1, HNRNPD, NFATC2IP, SUPT5H, TAF15, EWS, HABP4 and SERBP1. May also be involved in regulating TAF15 transcriptional activity by modulating the p38 MAPK pathway, acts as an estrogen receptor (ER)-mediated transactivator, plays a key role in axon growth, and acts as a negative regulator of megakaryocyte Cell differentiation.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.