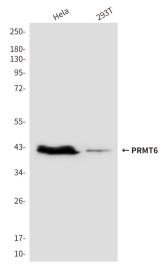
PRMT6 (2C3) Mouse mAb

db6024 **Package : 50μL 100μL**

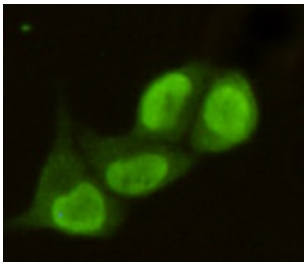
Product Name : PRMT6 (2C3) Mouse mAb
Cat.No.: db6024
Synonyms : HRMT1L6; PRMT 6
Application : WB, IHC-Fr, IHC-P, ICC/IF
Reactivity : Human
Host species : Mouse

Background	The protein encoded by this gene belongs to the arginine N-methyltransferase family, which catalyze the sequential transfer of methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins, to form methylated arginine derivatives and S-adenosyl-L-homocysteine. This protein can catalyze both, the formation of omega-N monomethylarginine and asymmetrical dimethylarginine, with a strong preference for the latter. It specifically mediates the asymmetric dimethylation of Arg2 of histone H3, and the methylated form represents a specific tag for epigenetic transcriptional repression. This protein also forms a complex with, and methylates DNA polymerase beta, resulting in stimulation of polymerase activity by enhancing DNA binding and processivity.
Immunogen	Purified recombinant human PRMT6 protein fragments expressed in E.coli
Gene ID	55170
Swiss Prot	Q96LA8
Synonyms	HRMT1L6; PRMT 6
Reactivity	Human
Application	WB, IHC-Fr, IHC-P, ICC/IF
Recommended dilution	WB: 1:500-1:1000 IHC: 1:50-1:100 ICC/IF: 1:50-1:200
Calculated MW	42 kDa
Observed MW	42 kDa
Host species	Mouse
Clonality	Monoclonal
Clonality No.	2C3-F1-G1

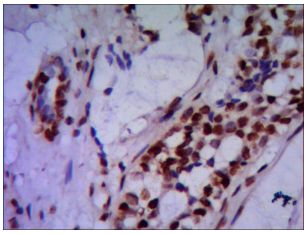
Isotype	IgG1
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



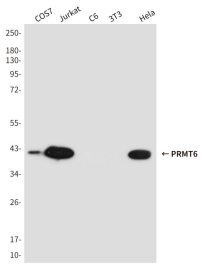
Western blot analysis of PRMT6 in Hela and 293T lysates using PRMT6 antibody.



Immunocytochemistry analysis of PRMT6 (2C3) in Hela using PRMT6 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using PRMT6 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of PRMT6 in COS7, Jurkat and Hela lysates using PRMT6 antibody.