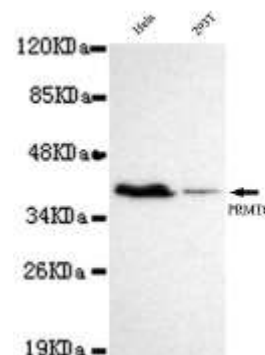


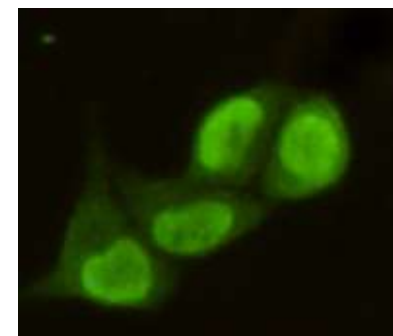
Anti-PRMT6 Antibody (2C3-F1-G1)

CATALOG NO:	A1310-100
ALTERNATIVE NAMES:	HRMT1L6
CLONE:	2C3-F1-G1
AMOUNT:	100 µg
Host/ISOTYPE:	Mouse IgG1
IMMUNOGEN:	Recombinant human PRMT6 protein fragments expressed in <i>E.coli</i>
MOLECULAR WEIGHT:	42 kDa
SPECIES REACTIVITY:	Human
SPECIFICITY:	This antibody detects endogenous levels of PRMT6 and does not cross-react with related proteins.
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	PRMT6 is a protein arginine N-methyltransferase, and catalyzes the sequential transfer of a 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. Protein arginine methylation is a prevalent post-translational modification in eukaryotic cells that has been implicated in signal transduction, the metabolism of nascent pre-RNA, and the transcriptional activation processes. IPRMT6 is functionally distinct from two previously characterized type I enzymes, PRMT1 and PRMT4. In addition, PRMT6 displays automethylation activity; it is the first PRMT to do so. PRMT6 has been shown to act as a restriction factor for HIV replication.
APPLICATION:	WB; 1:1000 IF; 1:300 IHC

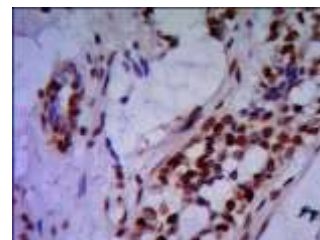
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of PRMT6 in HeLa and 293T cell lysates using PRMT6 mouse mAb (1:1000 diluted)



Immunocytochemistry stain of HeLa using PRMT6 mouse mAb at 1:300 dilution



Immunohistochemistry staining of paraffin-embedded human breast cancer using PRMT6 mouse mAb at a dilution of 1:200

RELATED PRODUCTS:

- 5-hmC polyclonal antibody (rabbit) **(Cat. No. 6830)**
- Acetyl Lysine (Biotin) Antibody **(6125)**
- Acetyl-Histone H2A Antibody **(3653)**
- Anti- c-Myb Antibody **(A1212)**

FOR RESEARCH USE ONLY! Not to be used on humans.