



PRMT4/CARM1

Mouse monoclonal Antibody

#53578

Catalog Number: 53578

Amount: 100µg/100µl

Swiss-Prot No. :Q86X55

Gene name:carm1

Gene id:10498

Clone Number: 2B9-H11-H10

Form of Antibody:Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

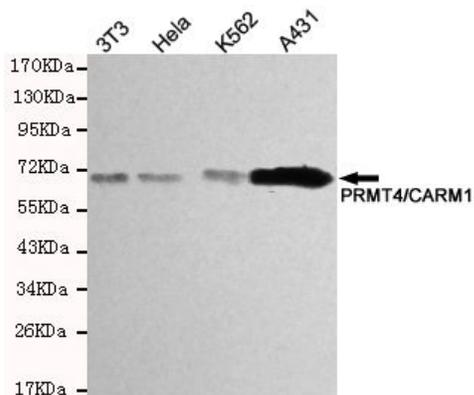
Immunogen: Purified recombinant human PRMT4/CARM1 protein fragments expressed in E.coil.

Purification: affinity-chromatography

Specificity/Sensitivity:This antibody detects endogenous levels of PRMT4/CARM1 and does not cross-react with related proteins

Reactivity: Human,Mouse

Applications: Predicted MW: 63 kd WB: 1:200 -1:500



Western blot detection of PRMT4/CARM1 in HeLa,A431 and K562 cell lysates using PRMT4/CARM1 mouse mAb(1:200-1:500 diluted).Predicted band size: 63KDa.Observed band size:63KDa.

Background :

Protein arginine N-methyltransferases,such as CARM1,catalyze the 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 has been implicated in signal transduction,metabolism of nascent pre-RNA,and transcriptional activation.