

Product Name: KD-Validated PRMT3 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb00329

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:2,000-1:10,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 59.9kDa

Antigen Information

Gene Name	PRMT3
Alternative Names	PRMT3; Protein Arginine Methyltransferase 3; HRMT1L3; Heterogeneous Nuclear Ribonucleoprotein Methyltransferase-Like Protein 3; Protein Arginine N-Methyltransferase 3; HMT1 HnRNP Methyltransferase-Like 3 (S. Cerevisiae); HMT1 HnRNP Methyltransferase-Like 3; EC 2.1.1.319; EC 2.1.1
Gene ID	10196.0
SwissProt ID	O60678
Immunogen	A synthesized peptide derived from human PRMT3

Background

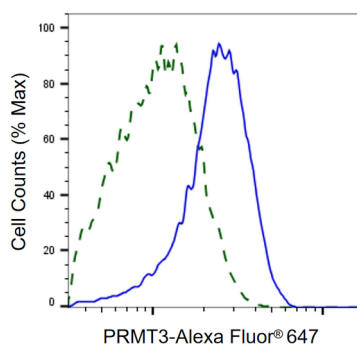
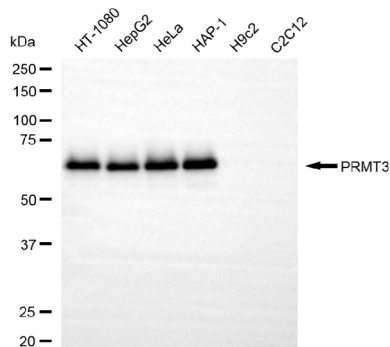
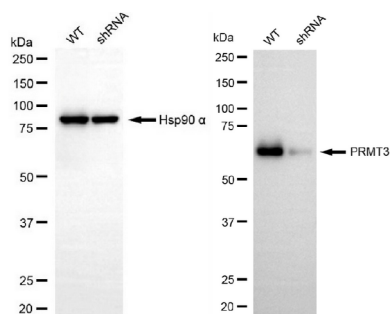
This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of

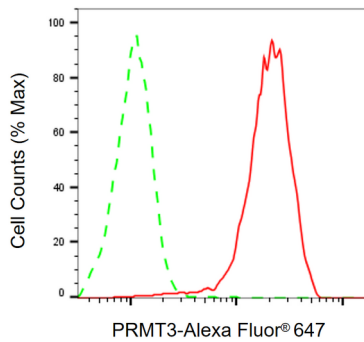
guanidino nitrogens of arginyl residues of proteins. The enzyme acts on 40S ribosomal protein S2 (rpS2), which is its major in-vivo substrate, and is involved in the proper maturation of the 80S ribosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Research Area

Epigenetics and Nuclear Signaling, Cell Biology, Cancer

Image Data





Flow cytometric analysis of PRMT3 expression in HAP-1 cells using PRMT3 antibody (KVA00329, 1:2,000). Green, isotype control; red, PRMT3.