

## Product datasheet for **TA347030M**

### PRMT1 Mouse Monoclonal Antibody [Clone ID: 4E9-H9-H12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	4E9-H9-H12
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	The immunogen for PRMT1 antibody: purified recombinant human PRMT1 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.02% sodium azide and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	42 kDa
Gene Name:	protein arginine methyltransferase 1
Database Link:	<a href="#">NP_001527</a> <a href="#">Entrez Gene 3276 Human</a> <a href="#">Q99873</a>



[View online »](#)

**Background:**

This gene encodes a member of the protein arginine N-methyltransferase (PRMT) family. Post-translational modification of target proteins by PRMTs plays an important regulatory role in many biological processes, whereby PRMTs methylate arginine residues by transferring methyl groups from S-adenosyl-L-methionine to terminal guanidino nitrogen atoms. The encoded protein is a type I PRMT and is responsible for the majority of cellular arginine methylation activity. Increased expression of this gene may play a role in many types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2011]

**Synonyms:**

ANM1; HCP1; HRMT1L2; IR1B4