

**Product Name: CARM1 (2B9) Mouse Monoclonal Antibody**  
**Catalog #: AMM03418**

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## Summary

<b>Production Name</b>	CARM1 (2B9) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	CARM1
<b>Alternative Names</b>	PRMT4; CARM1
<b>Gene ID</b>	10498
<b>SwissProt ID</b>	Q86X55.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 66 kDa; Observed MW: 63 kDa

## Background

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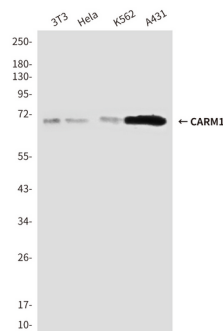
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This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts specifically on histones and other chromatin-associated proteins and is involved in regulation of gene expression. The enzyme may act in association with other proteins or within multi-protein complexes and may play a role in cell type-specific functions and cell lineage specification. A related pseudogene is located on chromosome 9.

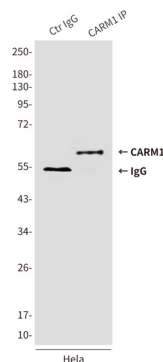
## Research Area

Cell Biology

## Image Data



Western blot analysis of PRMT4/CARM1 in HeLa, A431 and K562 lysates using PRMT4/CARM1 antibody.



Immunoprecipitation analysis of CARM1 (2B9) in HeLa lysates using PRMT4/CARM1 antibody.

## Note

For research use only.