

## CARM1 (2B9) MOUSE MAB

**Cat.#:** N261009

**Product Name:** Anti-CARM1 (2B9) Mouse Monoclonal Antibody

**Synonyms:** PRMT4; CARM1

**UNIPROT ID:** Q86X55

**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 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.

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

**Applications:** WB,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IP: 1/20

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 2B9-H11-H10

**MW:** Calculated MW: 66 kDa; Observed MW: 63 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse

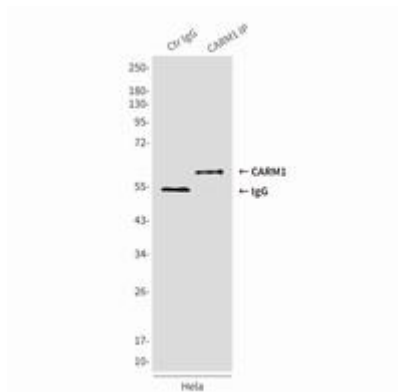
**Conjugation:** Unconjugated

**Modification:** Unmodified

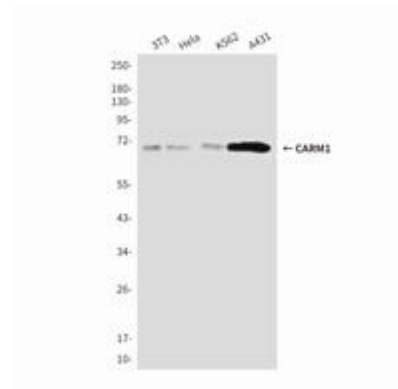
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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