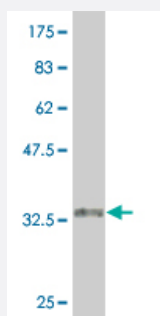


CARM1 monoclonal antibody (M03), clone 6G9

Catalog # H00010498-M03

Size 50 ug

Applications



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CARM1.
Immunogen	CARM1 (NP_954592, 284 a.a. ~ 381 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NMFPTIGDVHLAPFTDEQLYMEQFTKANFWYQPSFHGVDLSALRGAAVDEYFRQPVVDTFDIRIL MAKSVKYTVNFLEAKEGDLHRIIPFKFHMLHS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CARM1

Entrez GeneID [10498](#)

GeneBank Accession# [NM_199141](#)

Protein Accession# [NP_954592](#)

Gene Name CARM1

Gene Alias PRMT4

Gene Description coactivator-associated arginine methyltransferase 1

Omim ID [603934](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 (Frankel et al., 2002 [PubMed 11724789]).[supplied by OMIM]

Other Designations coactivator-associated arginine methyltransferase-1|protein arginine N-methyltransferase 4

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Spinal Dysraphism](#)