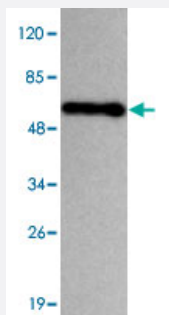


CARM1 monoclonal antibody

Catalog # MAB11141

Size 50 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of K-562 whole cell lysate 40 ug/lane with CARM1 monoclonal antibody (Cat # MAB11141) at 1:1000 dilution. Predicted band size: 63 kDa. Observed band size: 63 kDa.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant protein of CARM1.
Immunogen	Recombinant protein corresponding to C-terminus of human CARM1.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:5000-1:20000) Western Blot (1:100-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of K-562 whole cell lysate 40 ug/lane with CARM1 monoclonal antibody (Cat # MAB11141) at 1:1000 dilution.

Predicted band size: 63 KDa. Observed band size: 63 KDa.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CARM1

Entrez GeneID	10498
Protein Accession#	Q86X55;NM_199141.1
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](#)