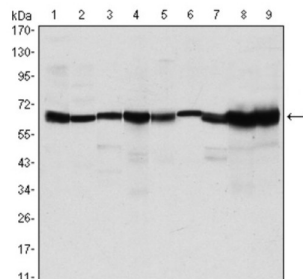
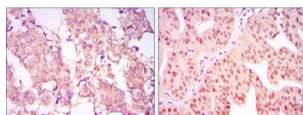


Coactivator-Associated Arginine Methyltransferase 1 (CARM1) Antibody

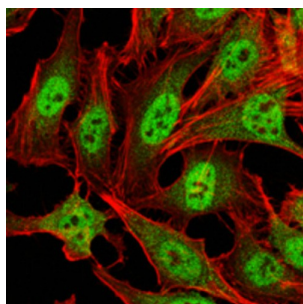
Catalogue No.: abx011384



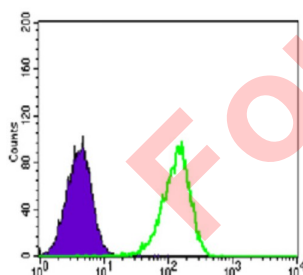
Western blot analysis using CARM1 antibody against MCF-7 (1), HeLa (2), NIH/3T3 (3), HL-60 (4), LNCap (5), Jurkat (6), PC-3 (7), Cos7 (8), and PC-12 (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded breast cancer tissues (left) and ovarian cancer tissues (right) using CARM1 antibody with DAB staining.



Immunofluorescence analysis of HeLa cells using CARM1 antibody (green). Red: Actin filaments have been labeled with AF555 phalloidin.



Flow cytometric analysis of Lovo cells using CARM1 antibody (green) and negative control (purple).

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). Tissue specificity: Overexpressed in prostate adenocarcinomas and high-grade prostatic intraepithelial neoplasia.

Target:

Coactivator-Associated Arginine Methyltransferase 1 (CARM1)

Datasheet

Version: 3.0.0
Revision date: 08 Aug 2025



Clonality:	Monoclonal
Reactivity:	Human, Monkey, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human CARM1 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q86X55 (UniProt , ExPASy)
GeneID:	10498
KEGG:	hsa:10498
String:	9606.ENSP00000325690
Molecular Weight:	65 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.