

产品名称: CARM1 Mouse Monoclonal Antibody
产品货号: AMM80938



产品概述 (Summary)

产品名称 (Production Name)	CARM1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Rabbit,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CARM1
别名 (Alternative Names)	PRMT4; CARM1
基因 ID (Gene ID)	10498.0
蛋白 ID (SwissProt ID)	Q86X55.Purified recombinant fragment of human CARM1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	65kDa

研究背景 (Background)

Protein arginine N-methyltransferases, such as CARM1, catalyze the transfer of a methyl group from S-adenosyl-L-

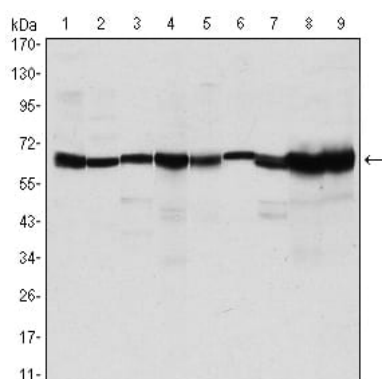
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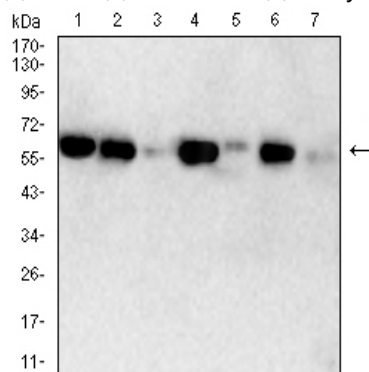
methionine to the side chain nitrogens of arginine residues within proteins to form methylated arginine derivatives and S-adenosyl-L-homocysteine. Protein arginine methylation has been implicated in signal transduction, metabolism of nascent pre-RNA, and transcriptional activation (Frankel et al. 2002 (PubMed 11724789). Tissue specificity: Overexpressed in prostate adenocarcinomas and high-grade prostatic intraepithelial neoplasia.

研究领域 (Research Area)

图片 (Image Data)

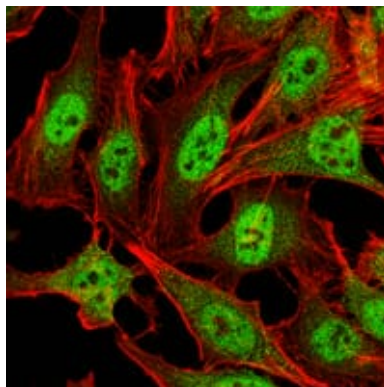


Western blot analysis using CARM1 mouse mAb against MCF-7 (1), Hela (2), NIH/3T3 (3), HL-60 (4), LNCap (5), Jurkat (6), PC-3 (7), Cos7 (8), and PC-12 (9) cell lysate.

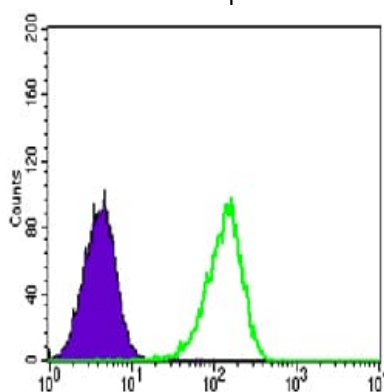


Western blot analysis using CARM1 mouse mAb against CHO3D10(1),COS-7(2),F9(3),L1210(4),C2C12(5),NIH/3T3(6),Mouse liver(7) cell lysate.

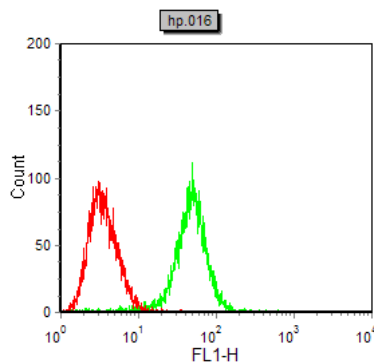
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Immunofluorescence analysis of HeLa cells using CARM1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

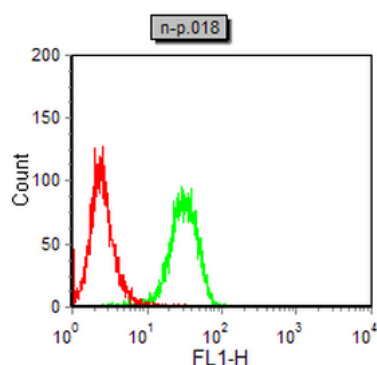


Flow cytometric analysis of Lovo cells using CARM1 mouse mAb (green) and negative control (purple).

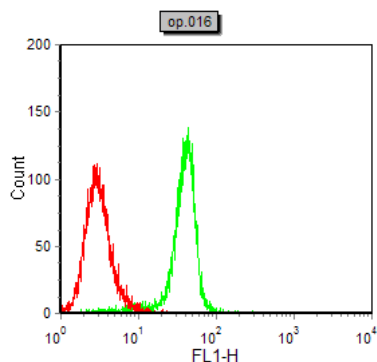


Flow cytometric analysis of HeLa cells using CARM1 mouse mAb (green) and negative control (red).

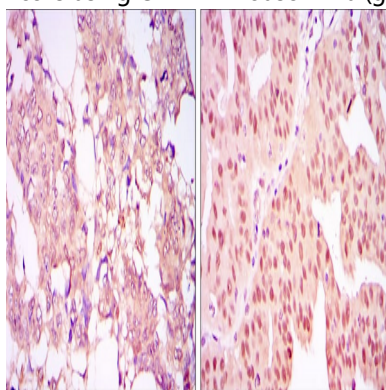
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Flow cytometric analysis of NIH/3T3 cells using CARM1 mouse mAb (green) and negative control (red).

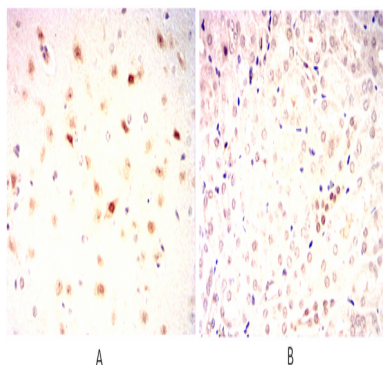


Flow cytometric analysis of COS7 cells using CARM1 mouse mAb (green) and negative control (red).



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

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Immunohistochemical analysis of paraffin-embedded Mouse brain(A)Mouse kidney(B) using CARM1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .