

## Anti-CARM1 antibody [3H2] (STJ98337)

STJ98337

### GENERAL INFORMATION

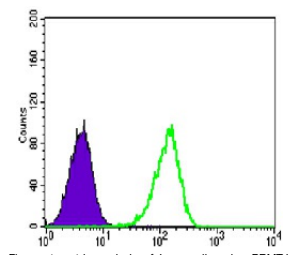
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Histone-Arginine Methyltransferase Carm1 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC, FC, ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Rat, Monkey

### PRODUCT PROPERTIES

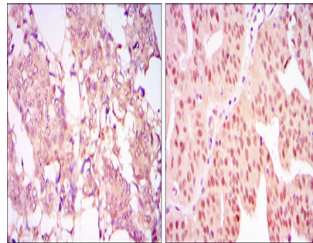
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	3H2
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
<b>Formulation</b>	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

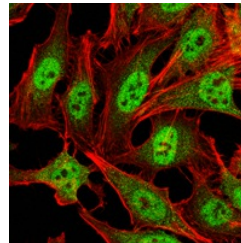
<b>Gene ID</b>	10498
<b>Gene Symbol</b>	CARM1
<b>Uniprot ID</b>	CARM1_HUMAN
<b>Immunogen</b>	Purified recombinant fragment of human PRMT4 expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	CARM1 monoclonal antibody (Histone-Arginine Methyltransferase Carm1) binds to endogenous Histone-Arginine Methyltransferase Carm1.
<b>Immunogen Sequence</b>	



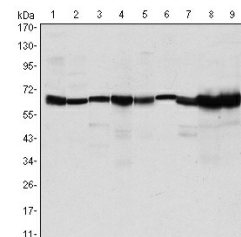
Flow cytometric analysis of Lovo cells using PRMT4 monoclonal antibody (green) and negative control (purple).



Immunohistochemistry analysis of paraffin-embedded breast cancer tissues (left) and ovarian cancer tissues (right) with DAB staining using PRMT4 monoclonal antibody.



Immunofluorescence analysis of HeLa cells using PRMT4 monoclonal antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using PRMT4 monoclonal 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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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