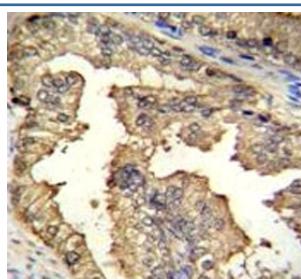


## PRMT4 Antibody (F41369)

Catalog No.	Formulation	Size
F41369-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41369-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

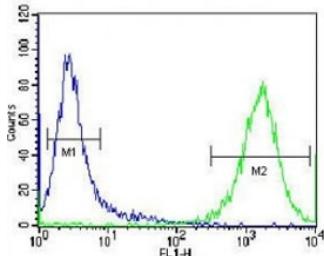
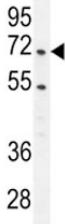
**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q86X55
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	This PRMT4 antibody is available for research use only.



IHC testing of PRMT4 antibody and FFPE human prostate carcinoma.

### PRMT4 antibody western blot analysis in Jurkat lysate.



PRMT4 antibody flow cytometric analysis of Jurkat cells (green) compared to a negative control (blue). FITC-conjugated donkey-anti-rabbit secondary Ab was used for the analysis.

## Description

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]).

## Application Notes

Titration of the PRMT4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 346-377 from the human protein was used as the immunogen for this PRMT4 antibody.

## Storage

Aliquot the PRMT4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.