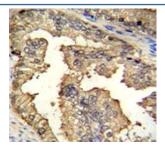


PRMT4 Antibody (F41369)

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

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



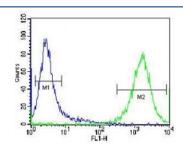
IHC testing of PRMT4 antibody and FFPE human prostate carcinoma.

95 72 **-** ∢ 55 -

PRMT4 antibody western blot analysis in Jurkat lysate.

36

28



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.