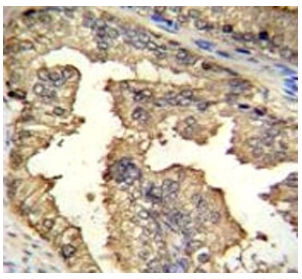
PRMT4 Antibody (F41369)

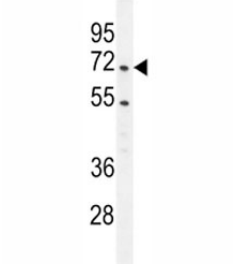
Catalog No.	Formulation	Size
F41369-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41369-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

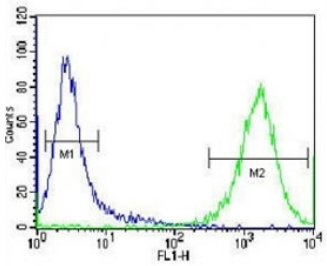
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q86X55
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:50-1:100 Flow Cytometry : 1:10-1:50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



IHC testing of PRMT4 antibody and FFPE human prostate carcinoma.



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.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com