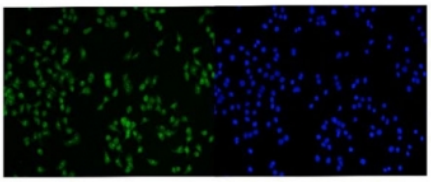
PRMT3 Antibody (RQ6998)

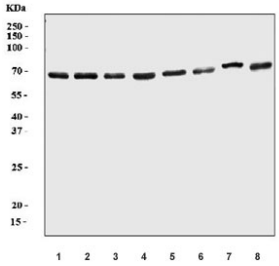
Catalog No.	Formulation	Size
RQ6998	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

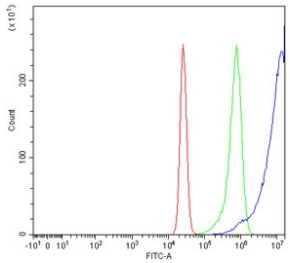
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O60678
Applications	Western Blot : 0.5-1 ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This PRMT3 antibody is available for research use only.



Immunofluorescent staining of FFPE human Caco-2 cells with PRMT3 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) MCF-7, 2) HepG2, 3) HeLa, 4) 293T, 5) K562, 6) Daudi, 7) HL60 and 8) MOLT4 cell lysate with PRMT3 antibody. Predicted molecular weight: 55-60 kDa.



Flow cytometry testing of human K562 cells with PRMT3 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PRMT3 antibody.

Description

Protein arginine N-methyltransferase 3 is an enzyme that in humans is encoded by the PRMT3 gene. This gene belongs to the protein arginine methyltransferase (PRMT) family. The encoded enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. The enzyme acts on 40S ribosomal protein S2 (rpS2), which is its major in-vivo substrate, and is involved in the proper maturation of the 80S ribosome. Alternative splicing results in multiple transcript variants.

Application Notes

Optimal dilution of the PRMT3 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids R12-S514) was used as the immunogen for the PRMT3 antibody.

Storage

After reconstitution, the PRMT3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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