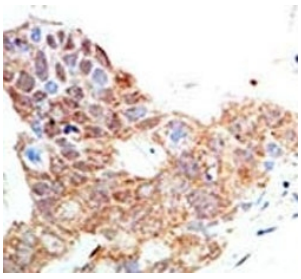
PRMT5 Antibody (F40463)

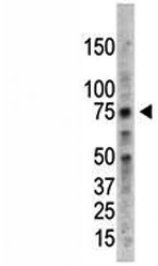
Catalog No.	Formulation	Size
F40463-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40463-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Bovine, Primate
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O14744
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This PRMT5 antibody is available for research use only.



IHC analysis of FFPE human breast carcinoma tissue stained with the PRMT5 antibody



PRMT5 antibody used in western blot to detect PRMT5 in HL-60 cell lysate. Expected molecular weight ~72kDa.

Description

Arginine methylation is an irreversible post translational modification which has only recently been linked to protein activity. At least three types of PRMT enzymes have been identified in mammalian cells. These enzymes have been shown to have essential regulatory functions by methylation of key proteins in several fundamental areas. These protein include nuclear proteins, IL enhancer binding factor, nuclear factors, cell cycle proteins, signal transduction proteins, apoptosis proteins, and viral proteins. The mammalian PRMT family currently consists of 7 members that share two large domains of homology. Outside of these domains, epitopes were identified and antibodies against all 7 PRMT members have been developed.

Application Notes

Titration of the PRMT5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 591-621 from the human protein was used as the immunogen for this PRMT5 antibody.

Storage

Aliquot the PRMT5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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