For Research Use Only

PRMT7 Monoclonal antibody, PBS Only

Catalog Number:67669-1-PBS

Basic Information

Catalog Number:
67669-1-PBS

Size:
1mg/ml

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG30434

GenBank Accession Number:
BC000146

GeneID (NCBI):
54496

UNIPROT ID:
Q9NVM4

Full Name:
protein arginine methyltransferase 7

Calculated MW:
78 kDa

Observed MW:
78 kDa

Purification Method:
Protein A purification

CloneNo.:
3C5H6

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human, rat

Background Information

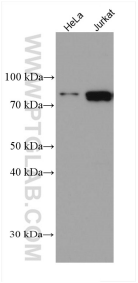
Protein arginine methyltransferases (PRMTs) are responsible for arginine methylation of histone or nonhistone proteins to regulate diverse biological processes, including cell proliferation, differentiation and senescence. PRMT7 is expressed in both embryonic stem and germ cells and is implicated in maintenance of muscle stem cell function. overexpression of PRMT7 has been associated with cancer metastasis. PRMT7 automethylation at residue R531 was reported to enhance breast cancer metastasis.

Storage

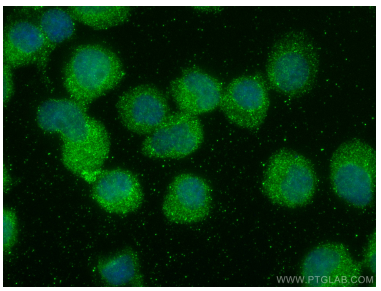
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67669-1-Ig (PRMT7 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67669-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using PRMT7 antibody (67669-1-Ig, Clone: 3C5H6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67669-1-PBS in a different storage buffer formulation.