

For Research Use Only

PRMT5 Recombinant antibody

Catalog Number: 82750-3-RR



Basic Information

Catalog Number: 82750-3-RR	GenBank Accession Number: BC025979	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10419	CloneNo.: 250553F4
Source: Rabbit	UNIPROT ID: O14744	Recommended Dilutions: WB: 1:5000-1:20000 IF/ICC: 1:250-1:1000
Isotype: IgG	Full Name: protein arginine methyltransferase 5	
Immunogen Catalog Number: AG9736	Calculated MW: 637 aa, 73 kDa	
	Observed MW: 67-70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, HepG2 cells, mouse brain tissue, NIH/3T3 cells, Raji cells, rat brain tissue
	IF/ICC : HepG2 cells,

Background Information

PRMT5 is a Type II enzyme that catalyzes arginine monomethylation and symmetric dimethylation (Rme1 and Rme2s). The many targets of PRMT5 include ribosomal proteins, the histone chaperone nucleoplasm, p53, and histones. PRMT5 is frequently observed in a complex with the cofactor, methylome protein 50 (MEP50), which is required for PRMT5 activity. PRMT5 is upregulated in several human malignancies, including lymphomas, lung cancer, breast cancer and colorectal cancer.

Storage

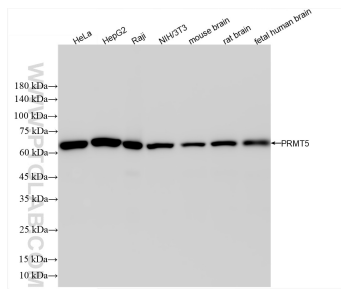
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

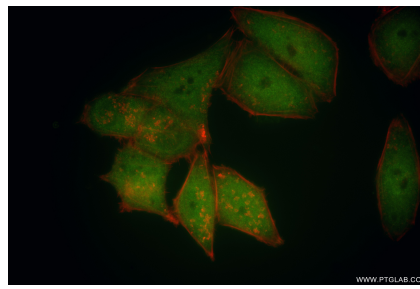
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82750-3-RR (PRMT5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PRMT5 antibody (82750-3-RR, Clone: 250553F4) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).