

For Research Use Only

PRMT2 Monoclonal antibody

Catalog Number: 66885-1-Ig **6 Publications**



Basic Information

Catalog Number: 66885-1-Ig	GenBank Accession Number: BC000727	Purification Method: Protein A purification
Size: 150ul , Concentration: 1800 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3275	CloneNo.: 1F1B9
Source: Mouse	UNIPROT ID: P55345	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:500-1:2000 IF/ICC 1:200-1:800
Isotype: IgG2a	Full Name: protein arginine methyltransferase 2	
Immunogen Catalog Number: AG1806	Calculated MW: 49 kDa	
	Observed MW: 45-50 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB, IHC, IF	WB : SKOV-3 cells, HeLa cells, rat heart tissue, LNCaP cells, Jurkat cells, 4T1 cells
Species Specificity: Human, mouse, rat	IHC : human thyroid cancer tissue,
Cited Species: human, mouse, rat	IF/ICC : HeLa cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

PRMT2 (also known as HRMT1L1) is a member of the arginine methyltransferase family which catalyzes arginine methylation and regulates diverse cellular processes, including transcription, translation, DNA repair, and RNA processing. Recently PRMT2 has been identified as a pro-tumorigenic factor in malignant gliomas.

Notable Publications

Author	Pubmed ID	Journal	Application
Yizhen Tian	34919946	Toxicol Appl Pharmacol	WB
Qingqing Zhang	35470570	Basic Clin Pharmacol Toxicol	WB
Julie Bourassa	39346878	ACS Omega	WB

Storage

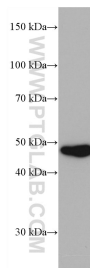
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

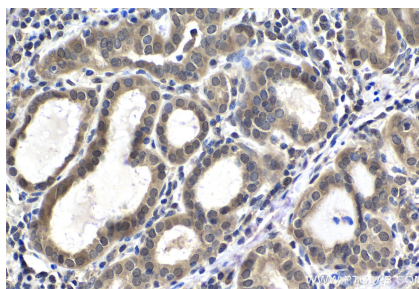
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

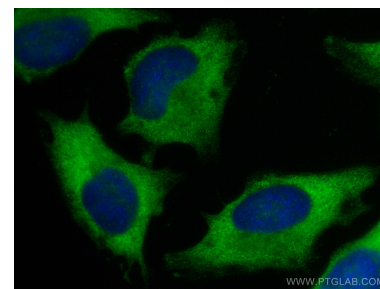
Selected Validation Data



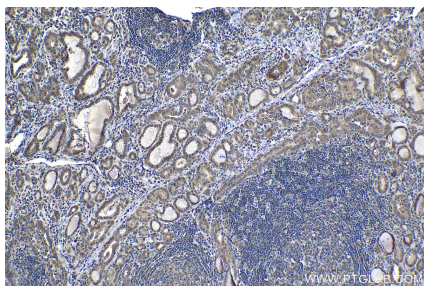
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 66885-1-Ig (PRMT2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 66885-1-Ig (PRMT2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PRMT2 antibody (66885-1-Ig, Clone: 1F1B9) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 66885-1-Ig (PRMT2 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).