

For Research Use Only

PRMT2 Monoclonal antibody

Catalog Number: 66885-1-Ig **3 Publications**



Basic Information

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

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
Human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: SKOV-3 cells, HeLa cells, rat heart tissue, LNCaP cells, Jurkat cells, 4T1 cells

IHC: human thyroid cancer tissue,

IF: HeLa cells,

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
Zhongwei Li	37173306	Cell Death Dis	WB,IHC

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**

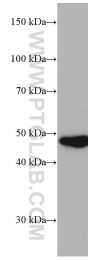
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

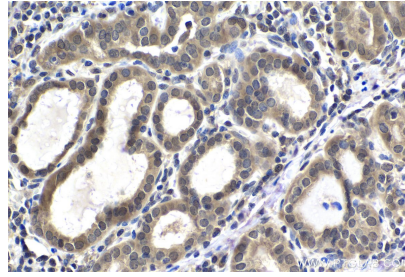
E: proteintech@ptglab.com
W: ptglab.com

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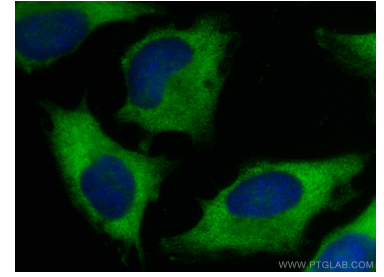
Selected Validation Data



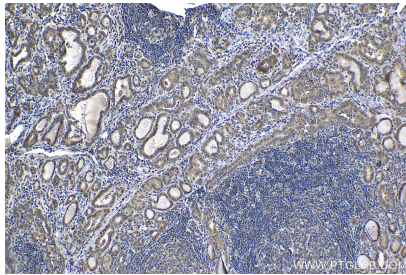
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 66885-1-Ig (PRMT2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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 AffiniPure 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).