

For Research Use Only

GNMT Monoclonal antibody, PBS Only



Catalog Number: 67294-1-PBS

Basic Information

Catalog Number: 67294-1-PBS	GenBank Accession Number: BC032627	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 27232	CloneNo.: 1B5E3
Source: Mouse	UNIPROT ID: Q14749	
Isotype: IgG1	Full Name: glycine N-methyltransferase	
Immunogen Catalog Number: AG4598	Calculated MW: 295 aa, 33 kDa	
	Observed MW: 33 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IF

Species Specificity:
Human, Mouse, Pig, Rat

Background Information

Glycine N-methyltransferase (GNMT, EC 2.1.1.20) was found originally as an enzyme regulating the ratio of SAM to S-adenosyl-homocysteine. GNMT is conservative among different animal species. Glycine-N methyltransferase (GNMT) is a potential tumor suppressor that is commonly inactivated in human hepatoma. GNMT is abundant in liver, but very low in HepG2 cells (PMID: 12566990).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

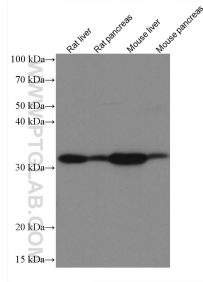
T: 4006900926

E: Proteintech-CN@ptglab.com

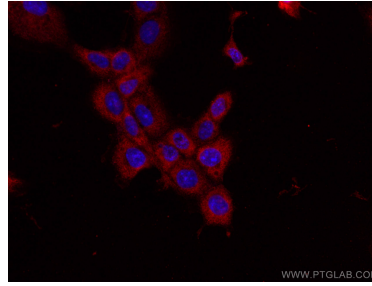
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67294-1-Ig (GNMT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67294-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using GNMT antibody (67294-1-Ig, Clone: 1B5E3) at dilution of 1:800 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67294-1-PBS in a different storage buffer formulation.