

For Research Use Only

CoraLite® Plus 488-conjugated GNMT Monoclonal antibody



Catalog Number: **CL488-67294**

Basic Information

Catalog Number: CL488-67294	GenBank Accession Number: BC032627	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 27232	CloneNo.: 1B5E3
Source: Mouse	UNIPROT ID: Q14749	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: glycine N-methyltransferase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG4598	Calculated MW: 295 aa, 33 kDa	
	Observed MW: 33 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : A431 cells,
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 -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

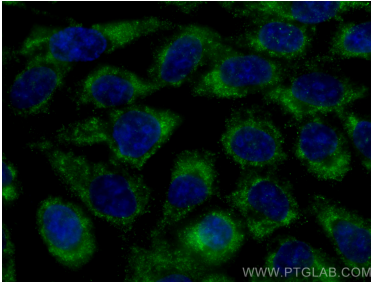
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Coralite® Plus 488 GNMT antibody (CL488-67294, Clone: 1B5E3) at dilution of 1:200.