

For Research Use Only

# CoraLite®594-conjugated GNMT Monoclonal antibody

Catalog Number:CL594-67294



## Basic Information

<b>Catalog Number:</b> CL594-67294	<b>GenBank Accession Number:</b> BC032627	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 27232	<b>CloneNo.:</b> 1B5E3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q14749	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> glycine N-methyltransferase	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG4598	<b>Calculated MW:</b> 295 aa, 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : A431 cells,
<b>Species Specificity:</b> 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).

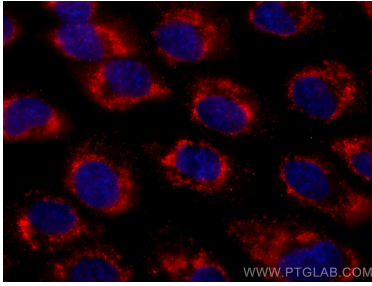
## Storage

**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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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®594 GNMT antibody (CL594-67294, Clone: 1B5E3 ) at dilution of 1:200.