

CoraLite® Plus 488-conjugated GNMT Monoclonal antibody

Catalog Number: **CL488-67294**

Basic Information

Catalog Number:

CL488-67294

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG4598

GenBank Accession Number:

BC032627

GeneID (NCBI):

27232

UNIPROT ID:

Q14749

Full Name:

glycine N-methyltransferase

Calculated MW:

295 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

Protein G purification

CloneNo.:

1B5E3

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Pig, Rat

Positive Controls:

IF/ICC : A431 cells,

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:

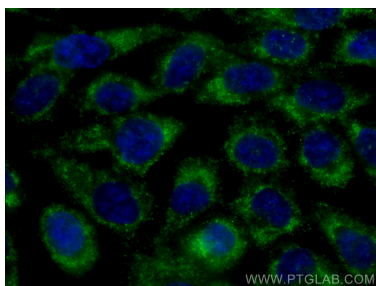
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.