

Anti-GNMT Antibody (C-term)

Catalog Number: M03562

About GNMT

Catalyzes the methylation of glycine by using S-adenosylmethionine (AdoMet) to form N-methylglycine (sarcosine) with the concomitant production of S-adenosylhomocysteine (AdoHcy). Possible crucial role in the regulation of tissue concentration of AdoMet and of metabolism of methionine.

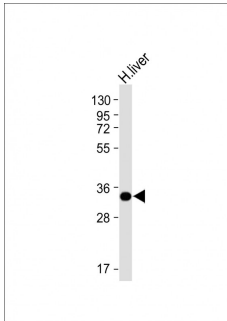
Overview

Product Name	Anti-GNMT Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-GNMT Antibody (C-term) (Catalog # M03562). Tested in WB, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Monoclonal 1041CT18.2.3
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q14749

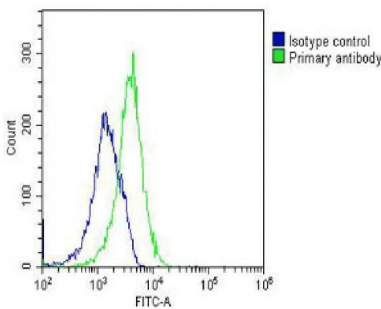
Technical Details

Immunogen	This GNMT antibody is generated from a mouse immunized with a recombinant protein between 1-295 amino acids from the human GNMT.
Predicted Reactive Species	Human, Mouse, Rat
Isotype	IgG2a,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:4000 FC: 1:25

Anti-GNMT Antibody (C-term) (M03562) Images



Anti-GNMT Antibody (C-term) at 1:4000 dilution + Human liver lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa. Blocking/Dilution buffer: 5% NFD/MTBST.



Overlay histogram showing U-2 OS cells stained with M03562 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M03562, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was mouse IgG2a (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

Submit a product review to [Biocompare.com](https://www.biocompare.com)

Submit a review of this product to [Biocompare.com](https://www.biocompare.com) to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-GNMT Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.