

Mouse NNMT Monoclonal Antibody | anti-NNMT antibody

NNMT antibody

CATALOG # AAA106861	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

NNMT; Monoclonal Antibody; NNMT antibody; Monoclonal NNMT; Anti-NNMT; Nicotinamide N-Methyltransferase; anti-NNMT antibody

PRODUCT SPECIFICATIONS

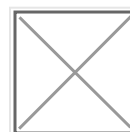
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3D8
Purity/Purification	NNMT antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	264
Applicable Applications for anti-NNMT antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. NNMT responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor. N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver.
Cross-Reactivity	Human, Mouse
Immunogen	NNMT antibody was raised in mouse using a full length recombinant protein of human NNMT (NP_006160) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant NNMT protein using NNMT antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of NNMT protein in paraffin embedded Human pancreas tissue using NNMT antibody

**WB (Western Blot)**

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NNMT protein (Right) or empty vector (Left) detected with NNMT antibody

**FCM/FACS (Flow Cytometry)**

Flow Cytometric analysis of Jurkat cells using NNMT antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-NNMT antibody	Mouse monoclonal NNMT antibody
Product Categories/Family for anti-NNMT antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453790
NCBI GeneID	4837
NCBI Accession #	NP_006160
NCBI GenBank Nucleotide #	NM_006169.2
UniProt Accession #	P40261
Molecular Weight	29,574 Da
NCBI Official Full Name	nicotinamide N-methyltransferase
NCBI Official Synonym Full Names	nicotinamide N-methyltransferase
NCBI Official Symbol	NNMT
NCBI Protein Information	nicotinamide N-methyltransferase
UniProt Protein Name	Nicotinamide N-methyltransferase
UniProt Gene Name	NNMT
UniProt Entry Name	NNMT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nnmt-antibody-clone-3d8-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106861>