

## Mouse NMT2 Monoclonal Antibody | anti-NMT2 antibody

NMT2 antibody

|                               |                      |                                                           |
|-------------------------------|----------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA106836</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry</b> |
|-------------------------------|----------------------|-----------------------------------------------------------|

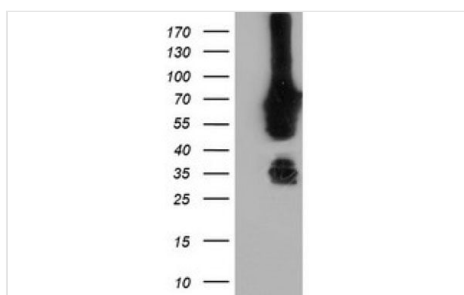
### PRODUCT SYNONYMS

NMT2; Monoclonal Antibody; NMT2 antibody; Monoclonal NMT2; Anti-NMT2; N-myristoyltransferase 2; Peptide N-myristoyltransferase 2; Type II N-myristoyltransferase; NMT 2; Glycylpeptide N-tetradecanoyltransferase 2; NMT-2; anti-NMT2 antibody

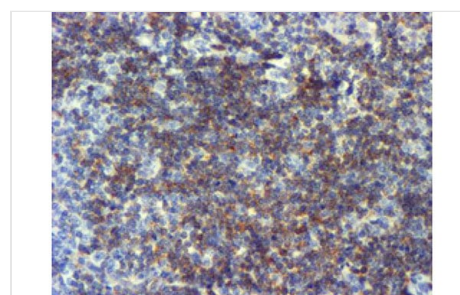
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype                                        | IgG1                                                                                                                                                                                                                                                                                                                                                                         |
| Clone Number                                   | 2 E1                                                                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification                            | NMT2 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                                | 498                                                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-NMT2 antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                |
| Biological Significance                        | N-myristoyltransferase (NMT) catalyzes the reaction of N-terminal myristoylation of many signaling proteins. It transfers myristic acid from myristoyl coenzyme A to the amino group of a protein's N-terminal glycine residue. Biochemical evidence indicates the presence of several distinct NMTs, varying in apparent molecular weight and /or subcellular distribution. |
| Cross-Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                                      | NMT2 antibody was raised in mouse using a full length recombinant protein of human NMT2 (NP_004799) 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


**WB (Western Blot)**

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NMT2 protein (Right) or empty vector (Left) detected with NMT2 antibody


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of NMT2 protein in paraffin embedded Human tonsil tissue using NMT2 antibody

ADDITIONAL INFORMATION

|                                                    |                                     |
|----------------------------------------------------|-------------------------------------|
| Related Product Information for anti-NMT2 antibody | Mouse monoclonal NMT2 antibody      |
| Product Categories/Family for anti-NMT2 antibody   | <a href="#">Signal Transduction</a> |

NCBI AND UNIPROT INFORMATION

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI GI #                        | 4758816                                              |
| NCBI GeneID                      | 9397                                                 |
| NCBI Accession #                 | NP_004799                                            |
| NCBI GenBank Nucleotide #        | NM_004808.2                                          |
| UniProt Accession #              | O60551; Q53Y38; Q5VUC8; Q9BRB4; B0YJ49               |
| Molecular Weight                 | 56,980 Da                                            |
| NCBI Official Full Name          | glycylpeptide N-tetradecanoyltransferase 2 isoform 1 |
| NCBI Official Synonym Full Names | N-myristoyltransferase 2                             |
| NCBI Official Symbol             | NMT2                                                 |
| NCBI Protein Information         | glycylpeptide N-tetradecanoyltransferase 2           |
| UniProt Protein Name             | Glycylpeptide N-tetradecanoyltransferase 2           |
| UniProt Gene Name                | <b>NMT2</b>                                          |
| UniProt Synonym Gene Names       | NMT 2                                                |
| UniProt Entry Name               | NMT2_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/nmt2-antibody-clone-2-e1-western-blot-immunohistochemistry-elisa/106836>