

## Anti-NMT1 antibody

<b>Cat. No.</b>	ml261963
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-NMT1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human NMT1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	1.7 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	NMT1
<b>Full name</b>	N-myristoyltransferase 1

**Synonyms** NMT

**Swissprot** P30419

### **Target Background**

Myristate, a rare 14-carbon saturated fatty acid, is cotranslationally attached by an amide linkage to the N-terminal glycine residue of cellular and viral proteins with diverse functions. N-myristoyltransferase catalyzes the transfer of myristate from CoA to proteins. N-myristoylation appears to be irreversible and is required for full expression of the biologic activities of several N-myristoylated proteins, including the alpha subunit of the signal-transducing guanine nucleotide-binding protein (G protein).

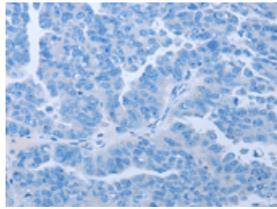
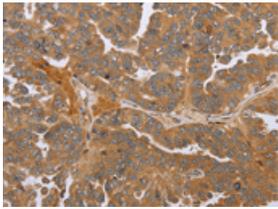
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human ovarian cancer

Recommended dilution: 50-200

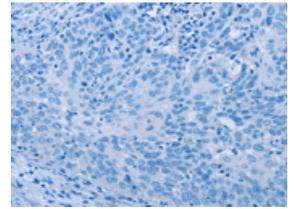
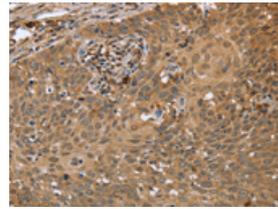


The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml261963(NMT1 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml261963(NMT1 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 57 kDa

Positive control: Human kidney tissue

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

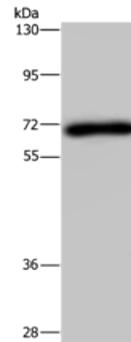
Lysate: 40  $\mu$ g

Lane: Human kidney tissue

Primary antibody: ml261963(NMT1 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



#### ELISA

Recommended dilution: 1000-2000

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