

## Product datasheet for TA504158

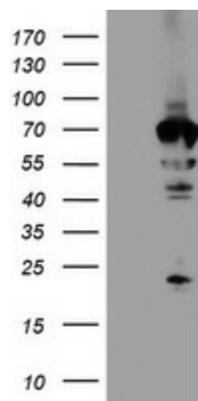
### NMT2 Mouse Monoclonal Antibody [Clone ID: OT11G3]

#### Product data:

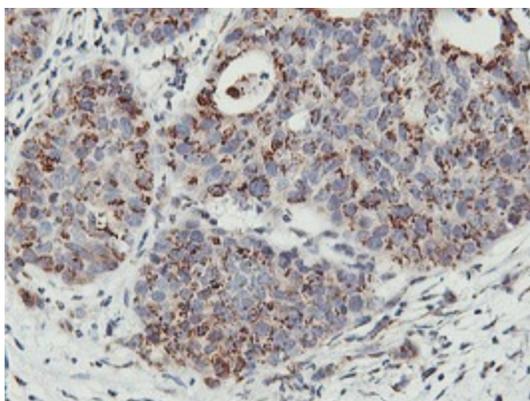
Product Type:	Primary Antibodies
Clone Name:	OT11G3
Applications:	IHC, WB
Recommend Dilution:	WB 1:500~2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NMT2(NP_004799) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.69 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	56.8 kDa
Gene Name:	N-myristoyltransferase 2
Database Link:	<a href="#">NP_004799 Entrez Gene 9397 Human</a>
Background:	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. The predicted 498-amino acid of human NMT2 protein shares 77% and 96% sequence identity with human NMT1 and mouse Nmt2 comprise two distinct families of N-myristoyltransferases. [provided by RefSeq]
Protein Families:	Druggable Genome



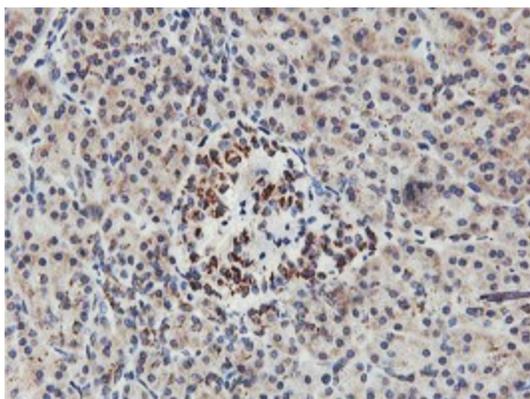
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**Product images:**

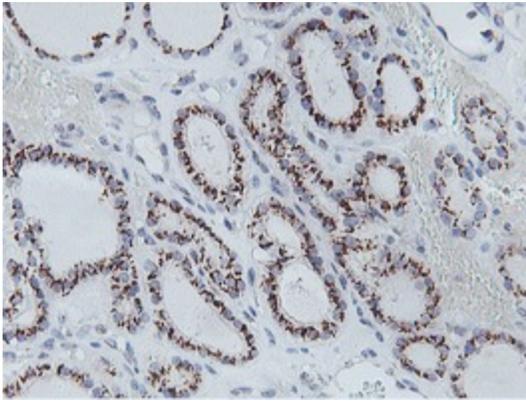
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NMT2 ([RC202876], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NMT2. Positive lysates [LY417742] (100ug) and [LC417742] (20ug) can be purchased separately from OriGene.



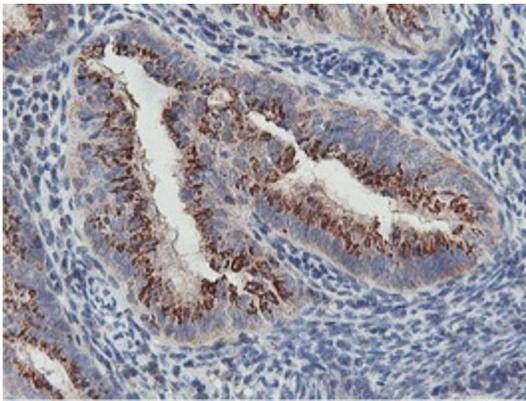
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-NMT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504158)



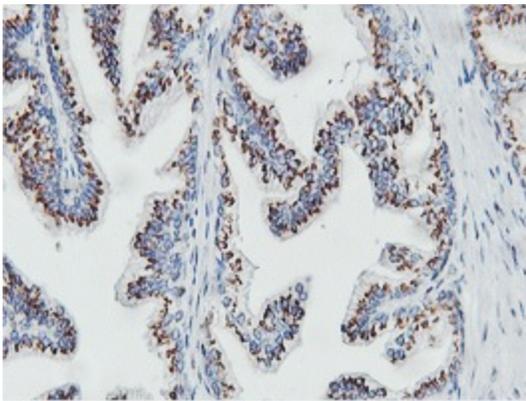
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-NMT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504158)



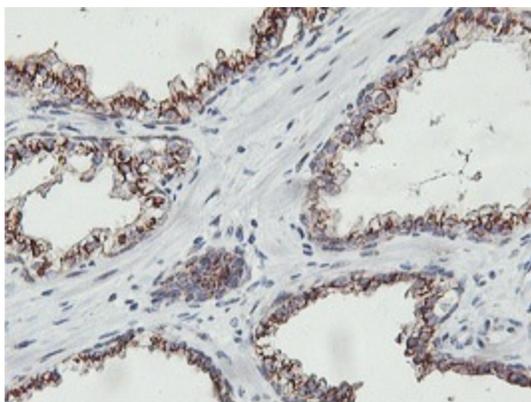
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-NMT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504158)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NMT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504158)



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-NMT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504158)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-NMT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504158)