

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA504158

NMT2 Mouse Monoclonal Antibody [Clone ID: OTI1G3]

Product data:

Clone Name:OTIIG3Applications:IHC, WBRecommend Dilution:WB 1:500-2000, IHC 1:150Reactivity:HumanHost:MouseIsotype:IgG1Clonality:MonoclonalImmunogen: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/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Predicted Protein Size:S6.8 kDaGene Name:NP 004799 Entrez Gene 9397 HumanBackground:N-myristoyltransferase 2(MNT) 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- myristoyltransferase. [provided by RefSeq]Protein Families:Drugable Genome	Product Type:	Primary Antibodies
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Product images:

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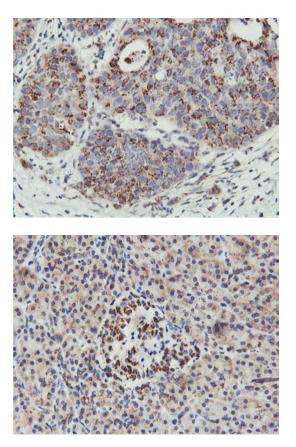
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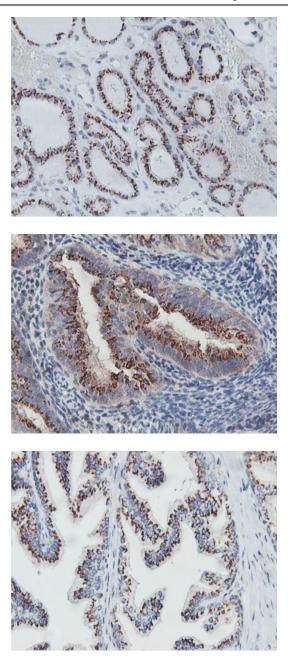
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NMT2 ([RC202876], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NMT2. Positive lysates [LY417742] (100ug) and [LC417742]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



Immunohistochemical staining of paraffinembedded 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 paraffinembedded 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)

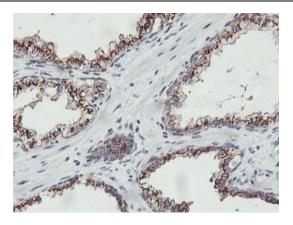
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Immunohistochemical staining of paraffinembedded Carcinoma of Human thyroid tissue using anti-NMT2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA504158)

Immunohistochemical staining of paraffinembedded 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 paraffinembedded 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)

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Immunohistochemical staining of paraffinembedded 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)

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