

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NMT1

Numéro de catalogue: 67984-1-Ig Phare



## Informations de base

Numéro de catalogue:	67984-1-Ig	Numéro d'acquisition GenBank:	BC006569	Méthode de purification:	Purification par protéine G
Taille:	150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	4836	CloneNo.:	2D9B9
Hôte:	Mouse	Nom complet:	N-myristoyltransferase 1	Dilutions recommandées:	WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype:	IgG1	MW calculé:	496 aa, 57 kDa		
Immunogen Catalog Number:	AG20541	MW observés:	50-60 kDa		

## Applications

### Applications testées:

IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules LNCaP, cellules HeLa, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules L02, cellules NIH/3T3, cellules PC-3, cellules SKOV-3

IHC : tissu de cancer du sein humain, tissu de cancer du foie humain

## Informations générales

NMT1 is a N-myristoyltransferase responsible for the transfer of myristate from CoA to an amino-terminal glycine of many eukaryotic proteins, which facilitates the targeting of proteins to membrane surfaces and is essential for viability of the organism. Insertional mutagenesis of the Nmt1 gene in *Saccharomyces cerevisiae* causes recessive lethality. Humans and mice possess two distinct but structurally similar enzymes, NMT1 and NMT2, ubiquitously expressed in most human and mouse tissues. Western analysis revealed that there are 4 isoforms of NMT1 with apparent molecular masses ranging from 49 to 68 kDa. In cell fractionation studies, the 68-kDa NMT1 isoform and NMT2 were present in both membrane and cytoplasmic fractions, while the smaller NMT1 isoforms were predominantly cytoplasmic.

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azotate de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

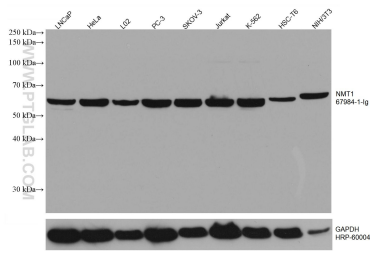
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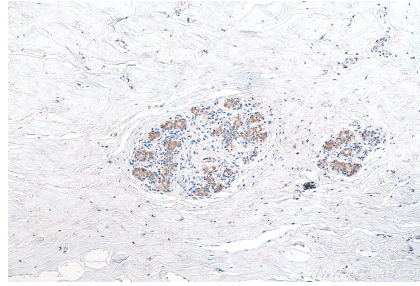
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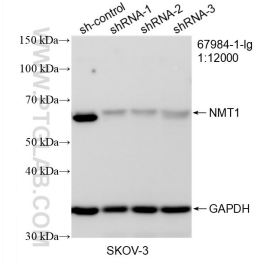
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 67984-1-Ig (NMT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67984-1-Ig (NMT1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of NMT1 antibody (67984-1-Ig; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NMT1 transfected SKOV-3 cells.