

À des fins de recherche uniquement

# Anticorps Monoclonal anti-METTL3

Numéro de catalogue: 67733-1-Ig

Phare

7 Publications



## Informations de base

<b>Numéro de catalogue:</b> 67733-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC001650	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul, Concentration: 1000 µg/ml by Nanodrop and 398 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 56339	<b>CloneNo.:</b> 2D8H1
<b>Hôte:</b> Mouse	<b>Nom complet:</b> methyltransferase like 3	<b>Dilutions recommandées:</b> WB 1:5000-1:50000 IHC 1:500-1:2000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 64 kDa	
<b>Immunogen Catalog Number:</b> AG7110	<b>MW observés:</b> 65-70 kDa	

## Applications

**Applications testées:**  
FC, IF, IHC, WB, ELISA

**Demandes citées:**  
IF, IHC, IP, WB

**Spécificité de l'espèce:**  
Humain, souris

**Espèces citées:**  
Humain, souris

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

**Contrôles positifs:**

**WB :** cellules HeLa, cellules A549, cellules HEK-293, cellules HepG2, cellules Jurkat, cellules K-562

**IHC :** tissu de cancer du poumon humain, tissu de cancer de l'oesophage humain, tissu de cancer du côlon humain, tissu de carcinome urothélial humain

**IF :** tissu testiculaire de souris,

## Informations générales

METTL3 is a key S-adenosyl-L-methionine-binding subunit, which is component of a complex multicomponent enzyme that catalyzes the methylation of internal adenosine residues in eukaryotic mRNA, forming N6-methyladenosine. It contains 2 putative nuclear localization signals and 2 consensus methylation motifs. The calculated molecular weight of METTL3 is 64 kDa, but modified METTL3 is about 65-70 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yanan Wang	36293529	Int J Mol Sci	WB,IHC
Zewei Sun	36368640	Clin Immunol	IF,IP
Yang Wang	36333630	Apoptosis	WB

## Stockage

**Stockage:**

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

**Tampon de stockage:**

PBS avec azoture 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.**

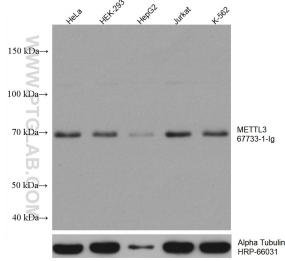
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

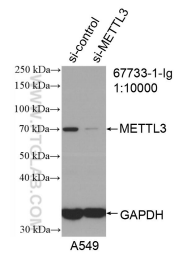
E: proteintech@ptglab.com  
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

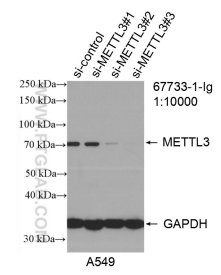
## Données de validation sélectionnées



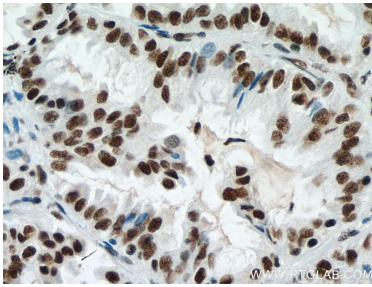
Various lysates were subjected to SDS PAGE followed by western blot with 67733-1-Ig (METTL3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



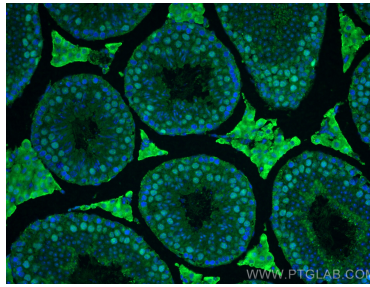
WB result of METTL3 antibody (67733-1-Ig; 1:10000); incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL3 transfected A549 cells.



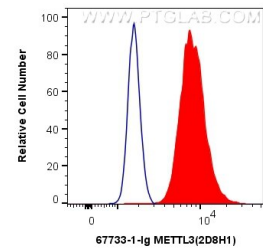
WB result of METTL3 antibody (67733-1-Ig; 1:10000); incubated at room temperature for 1.5 hours) with sh-Control and sh-METTL3 transfected A549 cells.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 67733-1-Ig (METTL3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using METTL3 antibody (67733-1-Ig, Clone: 2D8H1) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



$1 \times 10^6$  HEK-293 cells were intracellularly stained with 0.4 ug Anti-Human METTL3 (67733-1-Ig, Clone:2D8H1) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).