

À des fins de recherche uniquement

# Anticorps Monoclonal anti-MBNL1

Numéro de catalogue: 66837-1-Ig **3 Publications**



## Informations de base

Numéro de catalogue: 66837-1-Ig	Numéro d'acquisition GenBank: BC050535	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 4154	CloneNo.: 1H2C12
Hôte: Mouse	Nom complet: muscleblind-like (Drosophila)	Dilutions recommandées: WB 1:1000-1:5000 IHC 1:250-1:1000 IF 1:50-1:500
Isotype: IgG1	MW calculé: 42 kDa	
Immunogen Catalog Number: AG7752	MW observés: 40 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IF, IHC, IP, WB

### Spécificité de l'espèce:

Humain, porc, rat, souris

### Espèces citées:

Humain

**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 C2C12, cellules HEK-293, cellules Jurkat, tissu cardiaque de rat

IHC : tissu de cancer du sein humain,

IF : cellules HepG2,

## Informations générales

MBNL1 (muscleblind-like 1) is one of the MBNL proteins containing 3 members (MBNL1-3) in vertebrates. And MBNL1 is widely expressed in adult tissues including brain, heart and skeletal muscle (PMID:25274774). As a highly conserved RNA-binding protein, MBNL1 regulates alternative splicing, alternative polyadenylation, mRNA stability and mRNA localization in the nucleus. The neurological diseases DM1 and DM2 (myotonic dystrophy type 1 and type2) are caused by expansion of repetitive sequences in non-coding regions in the DMPK gene because of the inappropriate patterns of alternative splicing owing to MBNL1 (PMID:24354850). The antibody could recognize the common full-length protein in applications.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yubo Zhao	36064939	Cell Death Dis	WB,IHC,IF,IP
Chenggang Zhang	36643863	Int J Nanomedicine	IF
Bangming Jin	37395406	Nucleic Acids Res	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.

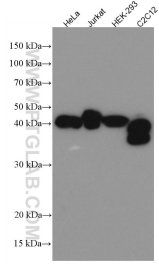
For technical support and original validation data for this product please contact:

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

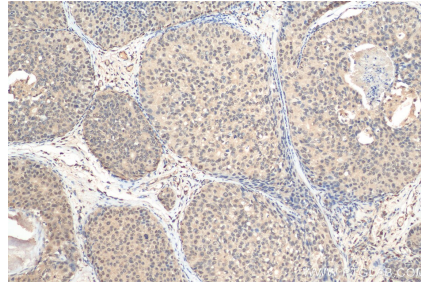
E: proteintech@ptglab.com  
W: ptglab.com

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

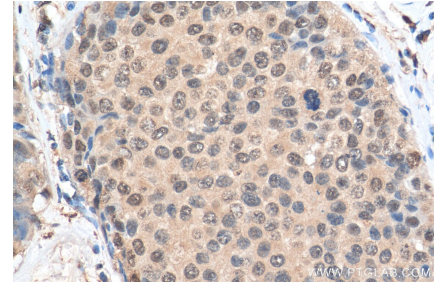
## Données de validation sélectionnées



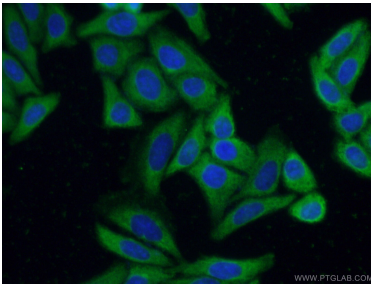
Various lysates were subjected to SDS PAGE followed by western blot with 66837-1-Ig (MBNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66837-1-Ig (MBNL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66837-1-Ig (MBNL1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 66837-1-Ig (MBNL1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).