

Allgemeine Informationen

Katalog-Nr.: 66837-1-Ig	GenBank-Zugangsnummer: BC050535	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2200 µg/ml von4154 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 4154	CloneNo.: 1H2C12
Wirt: Maus	Vollständiger Name: muscleblind-like (Drosophila)	Empfohlene Verdünnungen: WB 1:1000-1:5000 IHC 1:250-1:1000 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 42 kDa	
Immunogen Katalognummer: AG7752	Beobachtete Masse: 40 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, IHC, IP, WB	WB : HeLa-Zellen, C2C12-Zellen, HEK-293-Zellen, Jurkat-Zellen, Rattenherzgewebe
Getestete Reaktivität: Hausschwein, Human, Maus, Ratte	IHC : humanes Mammakarzinomgewebe,
Zitierte Arten: Human	IF : HepG2-Zellen,
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yubo Zhao	36064939	Cell Death Dis	WB,IHC,IF,IP
Chenggang Zhang	36643863	Int J Nanomedicine	IF

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

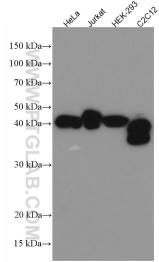
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

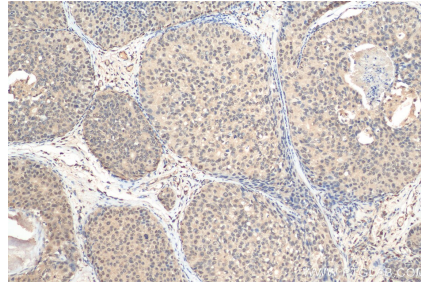
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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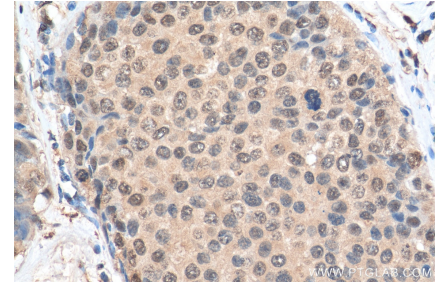
Ausgewählte Validierungsdaten



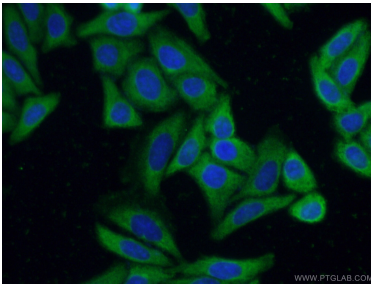
Various lysates were subjected to SDS PAGE followed by western blot with 66837-1-Ig (MBNL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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).