

À des fins de recherche uniquement

# Anticorps Monoclonal anti-SMN-Exon7



Numéro de catalogue: 60255-1-Ig **1 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 60255-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC062723	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 543 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 6606	<b>CloneNo.:</b> 3A8G11
<b>Hôte:</b> Mouse	<b>Nom complet:</b> survival of motor neuron 1, telomeric	<b>Dilutions recommandées:</b> WB 1:500-1:2000 IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 294 aa, 32 kDa	
<b>Immunogen Catalog Number:</b> AG16615	<b>MW observés:</b> 40 kDa	

## Applications

### Applications testées:

IF, WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain

### Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2

IF : cellules HepG2,

## Informations générales

Spinal muscular atrophy (SMA) is an autosomal recessive neurodegenerative disease characterized by loss of anterior horn cells in the spinal cord and concomitant symmetrical muscle weakness and atrophy (PMID: 16364894). SMA is caused by deletion or mutations of the survival motor neuron (SMN1) gene. SMA patients lack a functional SMN1 gene, but they possess an intact SMN2 gene, which though nearly identical to SMN1, is only partially functional (PMID: 17355180). A large majority of SMN2 transcripts lack exon 7, resulting in production of a truncated, less stable SMN protein (PMID: 10369862). The level of SMN protein correlates with phenotypic severity of SMA. This antibody, 60255-1-Ig, raised against the C-terminal region (275-294aa) encoded by the exon 7.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Mandana Arbab	36996170	Science	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)

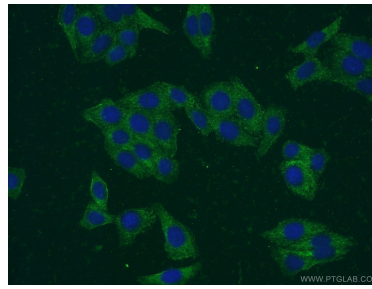
E: proteintech@ptglab.com  
W: ptglab.com

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## Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 60255-1-Ig (SMN-Exon7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 60255-1-Ig (SMN-Exon7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).