



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## MYOG monoclonal antibody (M01), clone 2B7

Catalog # : H00004656-M01

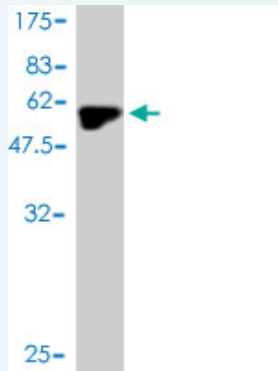
規格 : [ 100 ug ]

List All

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant MYOG.
<b>Immunogen:</b>	MYOG (AAH53899, 1 a.a. ~ 224 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MELYETSPYFYQEPRFYDGENYLPVHLQGFEPFPGYERTELTLSPEAPGP LEDKGLGTPEHCPGQCLPWACKVCKRKSVDRRRAATLREKRRLKKV NEAFEALKRSTLLNPNQRLPKVEILRSAIQYIERLQALLSSLNQEERDLRY RGGGGPQPGVPSECSSHSASCSPWGSALFESANPGDHLLTADPTDA HNLHSLTSIVDSITVEDVSVAFPDETMPN
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (50.38 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

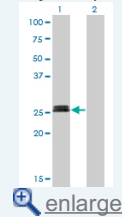
**Datasheet:** [Download](#)

### Applications

Western Blot (Transfected lysate)

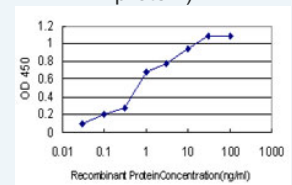
### Application Image

Western Blot (Transfected lysate)



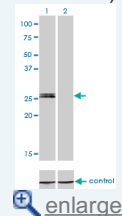
Western Blot (Recombinant protein)

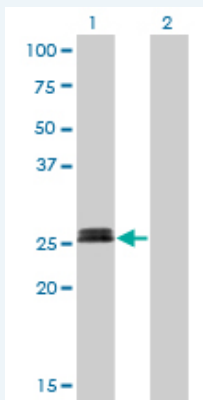
Sandwich ELISA (Recombinant protein)



ELISA

RNAi Knockdown (Antibody validated)





Western Blot analysis of MYOG expression in transfected 293T cell line by MYOG monoclonal antibody (M01), clone 2B7.

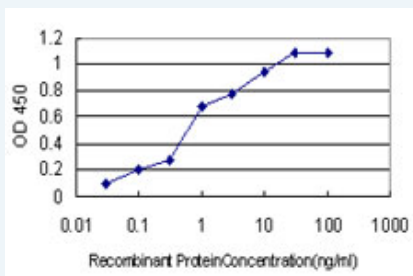
Lane 1: MYOG transfected lysate(25 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Western Blot (Recombinant protein)

[Protocol Download](#)

### Sandwich ELISA (Recombinant protein)

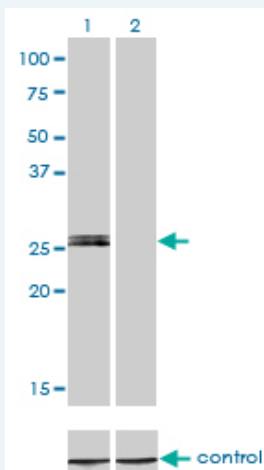


Detection limit for recombinant GST tagged MYOG is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

### ELISA

### RNAi Knockdown (Antibody validated)



Western blot analysis of MYOG over-expressed 293 cell line, cotransfected with MYOG Validated Chimera RNAi ( Cat # H00004656-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with MYOG monoclonal antibody (M01), clone 2B7 (Cat # H00004656-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.

[Protocol Download](#)

### Gene Information

Entrez GeneID: [4656](#)

**GeneBank  
Accession#:** [BC053899](#)

**Protein  
Accession#:** [AAH53899](#)

**Gene Name:** MYOG

**Gene Alias:** MYF4,MYOGENIN,bHLHc3

**Gene  
Description:** myogenin (myogenic factor 4)

**Omim ID:** [159980](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle. [provided by RefSeq]

**Other  
Designations:** Myogenic factor-4; myogenin,OTTHUMP00000039094,myogenic factor 4,myogenin

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