

Datasheet for ABIN561912  
**anti-Myogenin antibody (AA 1-224)**

## 4 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Myogenin (MYOG)
Binding Specificity:	AA 1-224
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Myogenin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

## Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant MYOG.
Immunogen:	MYOG (AAH53899, 1 a.a. ~ 224 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MELYETSPYF YQEPRFYDGE NYLPVHLQGF EPPGYERTEL TLSPEAPGPL EDKGLGTPEH CPGQCLPWAC KVCKRKSVSV DRRRAATLRE KRRLKKVNEA FEALKRSTLL NPNQRLPKVE ILRSAIQYIE RLQALLSSLN QEERDLRYRG GGGPQPGVPS ECSSHSASCS PEWGSALEFS ANPGDHLLTA DPTDAHNLHS LTSIVDSITV EDVSVAFPDE TMPN
Clone:	2B7
Isotype:	IgG1
Cross-Reactivity:	Human

Product Details

Characteristics:

Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Myogenin (MYOG)
Alternative Name:	MYOG (MYOG Products)
Background:	Full Gene Name: myogenin (myogenic factor 4) Synonyms: MYF4,MYOGENIN,bHLHc3
Gene ID:	4656
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

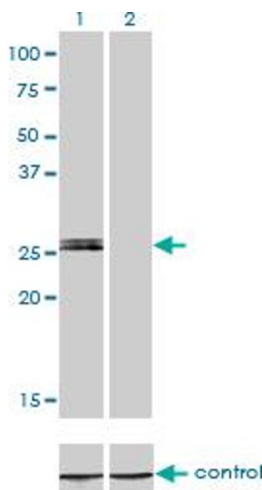
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

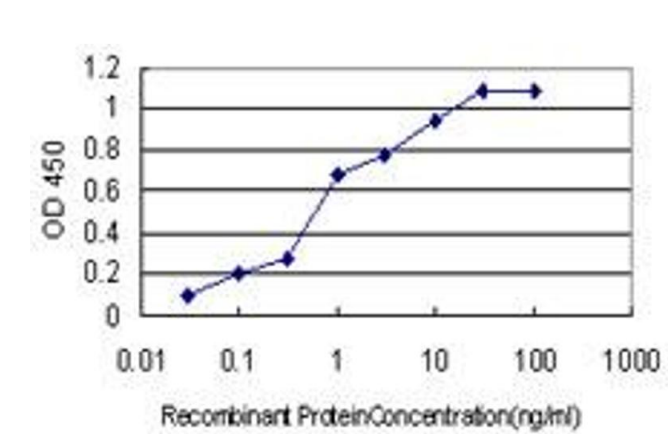
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



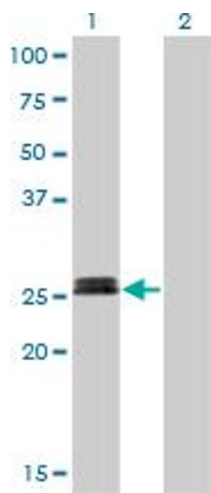
**Western Blotting**

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



### ELISA

**Image 2.** Detection limit for recombinant GST tagged MYOG is approximately 0.03ng/ml as a capture antibody.



### Western Blotting

**Image 3.** 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN561912.