

## Datasheet

### MYOG monoclonal antibody (M04), clone 2E7

**Catalog Number:** H00004656-M04

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant MYOG.

**Clone Name:** 2E7

**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:**

MELYETSPYFYQEPRFYDGENYLPVHLQGFEPGGER  
TELTLSPEAPGPLEDKGLGTPEHCPGQCLPWACKVCK  
RKSVSVDRRRRAATLREKRRLLKKVNEAFEALKRSTLLN  
PNQRLPKVEILRSAIQYIERLQALLSSLNQEERDLRYRG  
GGGPQGPVPECCSSHSASCSPWGSALFESANPGD  
HLLTADPTDAHNLHSLTSIVDSITVEDVSVAFPDETMPN

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG

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

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

**Entrez GeneID:** 4656

**Gene Symbol:** MYOG

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

**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]