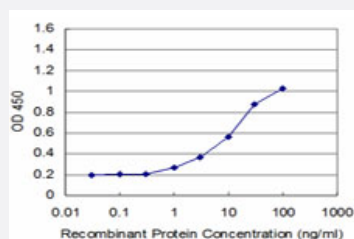


# MYOG monoclonal antibody (M02), clone 3E3

Catalog # H00004656-M02

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYOG is approximately 1ng/ml as a capture antibody.

## Specification

Product Description	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	MELYETSPYFYQEPRFYDGENYLPVHLQGFEPPGYERTELTLSPEAPGPLEDKGLGTPEHCPGQCLPWACKVCKRKSVSVDRRRAATLREKRRLKKVNEAFEALKRSTLLNPNQRLPKVEILRSAIQYIERLQALLSSLNQEERDLRYRGGGGPQPGVPSECSSHSASCSPWGSALFESANPGDHLLTADPTDAHNLHSLTSIVDSITVEDVSVAFPDETMPN
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MYOG is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — MYOG

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