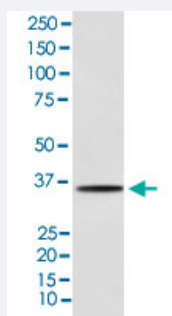


MYOG monoclonal antibody, clone AFFH-13

Catalog # MAB22240 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of C2C12 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human MYOG.
Immunogen	A synthetic peptide corresponding to human MYOG.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	The antibody reacts with human, mouse MYOG, in native form and recombinant. Superfamily members of MYOG are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:40) Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C for short term storage. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of C2C12 cell lysate.

- Immunohistochemistry

- Flow Cytometry

Gene Info — MYOG

Entrez GeneID

[4656](#)

Protein Accession#

[P15173](#)

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