

### **Myoblast Determination Protein 1 Rabbit mAb**

Catalog # AP77844

## **Specification**

## Myoblast Determination Protein 1 Rabbit mAb - Product Information

Application WB
Primary Accession P15172
Reactivity Human
Host Rabbit

Clonality Monoclonal Antibody

Calculated MW 34501

# Myoblast Determination Protein 1 Rabbit mAb - Additional Information

**Gene ID 4654** 

Other Names MYOD1

Dilution

WB~~1/500-1/1000

Format Liquid

#### Myoblast Determination Protein 1 Rabbit mAb - Protein Information

Name MYOD1

Synonyms BHLHC1, MYF3, MYOD

#### **Function**

Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYF5 and MYOG, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Interacts with and is inhibited by the twist protein. This interaction probably involves the basic domains of both proteins (By similarity).

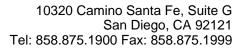
**Cellular Location** 

Nucleus.

## Myoblast Determination Protein 1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

Western Blot





• Blocking Peptides

- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Myoblast Determination Protein 1 Rabbit mAb - Images

