

**Myo D1**  
**Rabbit Monoclonal antibody(Mab)**  
**Catalog # AD80240**

## Specification

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### Myo D1 - Product info

Application	<b>IHC-P</b>
Primary Accession	<a href="#">P15172</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal</b>
Calculated MW	<b>34501</b>

### Myo D1 - Additional info

Gene ID	<b>4654</b>
Gene Name	<b>MYOD1</b>

#### Other Names

Myoblast determination protein 1, Class C basic helix-loop-helix protein 1, bHLHc1, Myogenic factor 3, Myf-3, MYOD1, BHLHC1, MYF3, MYOD

#### Dilution

IHC-P~~Ready-to-use

#### Storage

Maintain refrigerated at 2-8°C

#### Precautions

**MyoD1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### Myo D1 - Protein Information

**Name** MYOD1

**Synonyms**

**Function**

**BHLHC1, MYF3, MYOD**

**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**

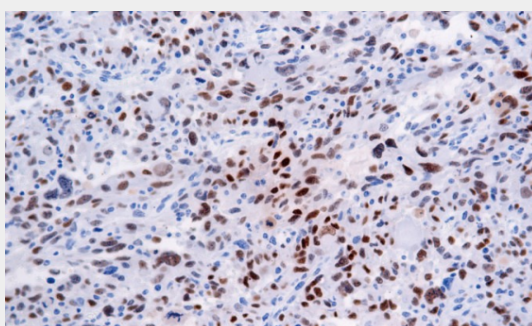
**Nucleus.**

## Myo D1 - Protocols

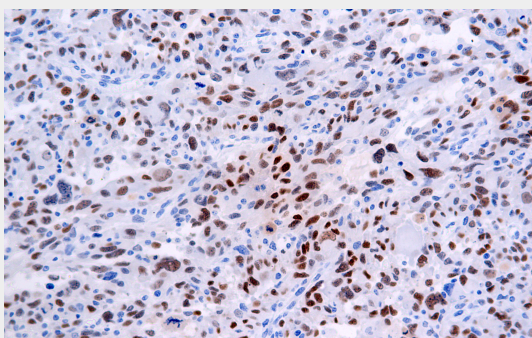
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Myo D1 - Images



Ewings sarcoma



Immunohistochemical analysis of paraffin-embedded Ewing's sarcoma tissue using AD80240 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.