

## Myogenin (ABT-MYOG) Mouse mAb

CatalogNo: YM6202

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human, Mouse, Rat

#### Applications

- IHC, IF, ELISA

#### MW

- 25kD (Calculated)

#### Isotype

- IgG1, Kappa

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

### Recommended Dilution Ratios

**IHC 1:50-200**

**IF 1:50-200**

**ELISA 1:500-5000**

### Basic Information

**Clonality** Monoclonal

**Clone Number** ABT-MYOG

### Immunogen Information

**Immunogen** Synthesized peptide derived from human Myogenin AA range: 100-200

**Specificity** This antibody detects endogenous levels of Myogenin protein.

### Target Information

**Gene name** MYOG BHLHC3 MYF4

**Protein Name** Myogenin (Class C basic helix-loop-helix protein 3) (bHLHc3) (Myogenic factor 4) (Myf-4)

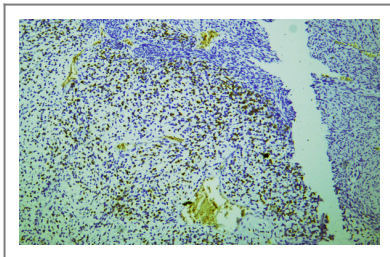
Organism	Gene ID	UniProt ID
Human	<a href="#">4656</a> ;	<a href="#">P15173</a> ;
Mouse	<a href="#">17928</a> ;	<a href="#">P12979</a> ;
Rat	<a href="#">29148</a> ;	<a href="#">P20428</a> ;

**Cellular Localization** Nuclear

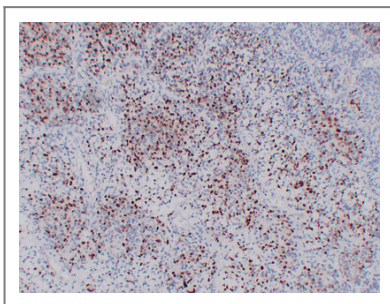
**Tissue specificity** Eye ,Skeletal muscle ,

**Function** Function:Involved in muscle differentiation (myogenic factor) . Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein. ,similarity:Contains 1 basic helix-loop-helix (bHLH) domain. ,subunit:Efficient DNA binding requires dimerization with another bHLH protein. ,

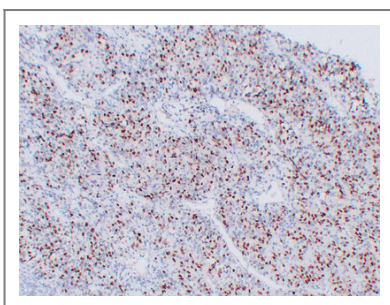
## Validation Data



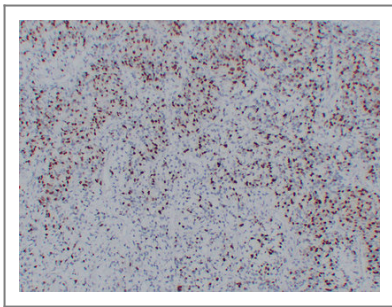
Human rhabdomyosarcoma tissue was stained with Anti-Myogenin (ABT-MYOG) Antibody



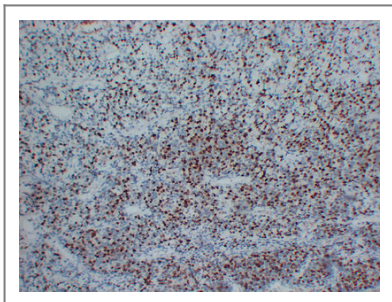
Immunohistochemical analysis of paraffin-embedded Rhabdomyosarcoma. 1, Antibody was diluted at 1:200 (4°C overnight). 2, Citric acid ,pH6.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min).



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## | Contact information

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Please scan the QR code to access additional product information:  
**Myogenin (ABT-MYOG) Mouse mAb**

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