

**Product Name: ATROGIN-1 Rat Monoclonal Antibody**  
**Catalog #: AMR81409**



## Summary

<b>Production Name</b>	ATROGIN-1 Rat Monoclonal Antibody
<b>Description</b>	Rat Monoclonal antibody
<b>Host</b>	Rat
<b>Application</b>	FC,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Rat IgG3
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	ATROGIN-1
<b>Alternative Names</b>	Fbxo32;MAFbx; Gm20361; AI430017; ATROGIN1; 4833442G10Rik
<b>Gene ID</b>	67731.0
<b>SwissProt ID</b>	Q9CPU7.Synthesized peptide of human ATROGIN-1 (AA: 23-35).

## Application

<b>Dilution Ratio</b>	FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	41.5kDa

## Background

Muscle Atrophy F-box (MAFbx), is known to mediate the degradation of muscle-specific transcription factor MyoD in

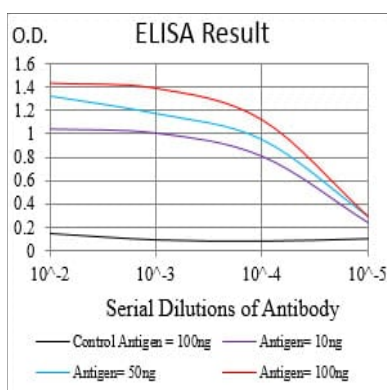
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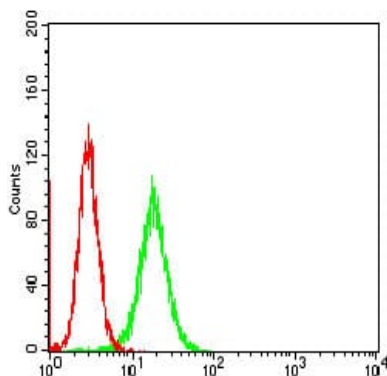
vitro. Downregulate of MAFbx may have reduced MyoD degradation in favor of muscle regeneration.

## Research Area

## Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Flow cytometric analysis of HeLa cells using ATROGIN-1 Rat mAb (green) and negative control (red).

## Note

For research use only.