

**Product Name: Desmin (4H1) Mouse Monoclonal Antibody**  
**Catalog #: AMM00779**

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## Summary

<b>Production Name</b>	Desmin (4H1) Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC-P
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<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>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	DES
<b>Alternative Names</b>	DES; Desmin
<b>Gene ID</b>	1674
<b>SwissProt ID</b>	P17661.

## Application

<b>Dilution Ratio</b>	IHC: 1:50-1:100
<b>Molecular Weight</b>	-

## Background

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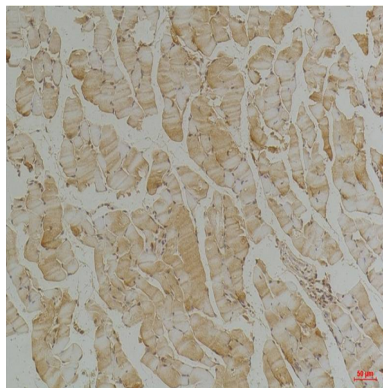
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Desmin a class-III intermediate filaments found in muscle cells. In adult striated muscle they form a fibrous network connecting myofibrils to each other and to the plasma membrane from the periphery of the Z-line structures. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies.

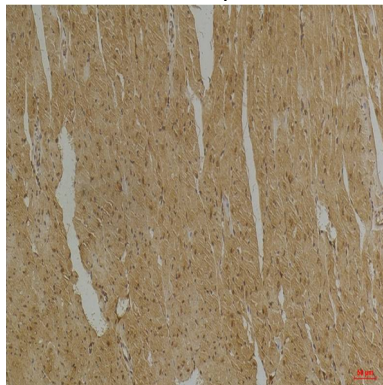
## Research Area

Cell Biology

## Image Data



Immunohistochemistry analysis of paraffin-embedded mouse Skeletal Muscle Tissue using Desmin (4H1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Desmin (4H1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.