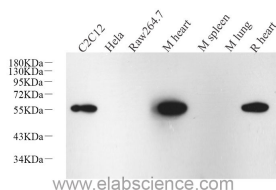


## Desmin Monoclonal Antibody

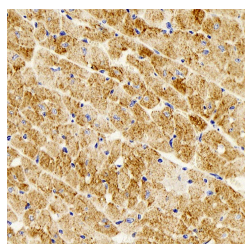
<b>Catalog No.</b>	E-AB-70228	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Mouse
<b>Applications</b>	WB,IHC	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

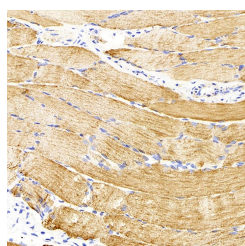
### Images



Western Blot analysis of various samples using Desmin Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded mouse heart using Desmin Monoclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded rat skeletal muscle using Desmin Monoclonal Antibody at dilution of 1:300.

### Immunogen Information

<b>Immunogen</b>	Recombinant protein corresponding to Mouse desmin
<b>Swissprot</b>	P17661,P31001,P48675
<b>Synonyms</b>	CMD1I,Desmin,FLJ12025,FLJ39719,FLJ41013,FLJ41793,Intermediate filament protein

### Product Information

<b>Calculated MW</b>	54kDa
<b>Observed MW</b>	55kDa
<b>Buffer</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4
<b>Purify</b>	Affinity purification
<b>Clone No.</b>	3E1G4
<b>Dilution</b>	WB 1:1000-1:2000, IHC 1:300-1:800

### Background

This gene encodes a muscle-specific class III intermediate filament. Homopolymers of this protein form a stable intracytoplasmic filamentous network connecting myofibrils to each other and to the plasma membrane. Mutations in this gene are associated with desmin-related myopathy, a familial cardiac and skeletal myopathy (CSM), and with distal myopathies.

#### For Research Use Only

Thank you for your recent purchase.  
 If you would like to learn more about antibodies, please visit [www.elabscience.com](http://www.elabscience.com).

**Focus on your research**  
**Service for life science**

Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.