



**MONOCLONAL ANTIBODY**

*For research use only. Not for clinical diagnosis.*

**Catalog No. CE-011A**

# Anti-MyoD antibody

## BACKGROUND

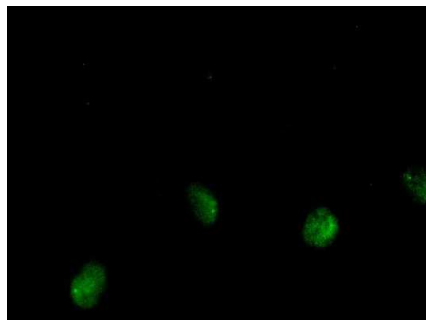
MyoD is a transcriptional factor that induces transcription by binding with gene regulatory factors expressed in skeletal muscle. As a master gene, MyoD also determines skeletal muscle differentiation.

<b>Product type</b>	Primary antibodies
<b>Host</b>	Rat
<b>Source</b>	Culture supernatant
<b>Form</b>	Liquid
	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05% NaN <sub>3</sub> .
<b>Volume</b>	100 µl
<b>Concentration</b>	1 mg/ml
<b>Specificity</b>	MyoD
<b>Antigen</b>	Recombinant GST-fused mouse MyoD protein (full length).
<b>Clone</b>	5F11
<b>Isotype</b>	IgG2a

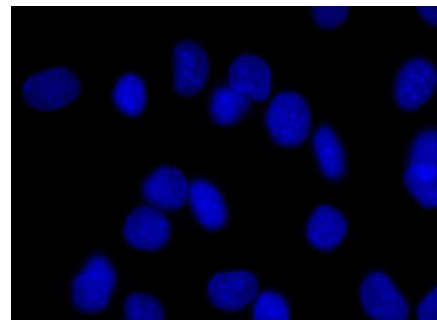
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<b>Application notes</b>	WB, ICC, IHC, ChIP
	<b>Recommended dilutions</b>
	Western blotting, 1/1,000 to 1/5,000
	Immunocytochemistry, 1/100 to 1/500
	Immunohistochemistry, 1/100 to 1/500

**MAb5F11**



**Hoechst**



**C2C12**

Fig.1 Immunocytochemistry/ Immunofluorescence - MyoD antibody (5F11)  
C2C12 (mouse) cells

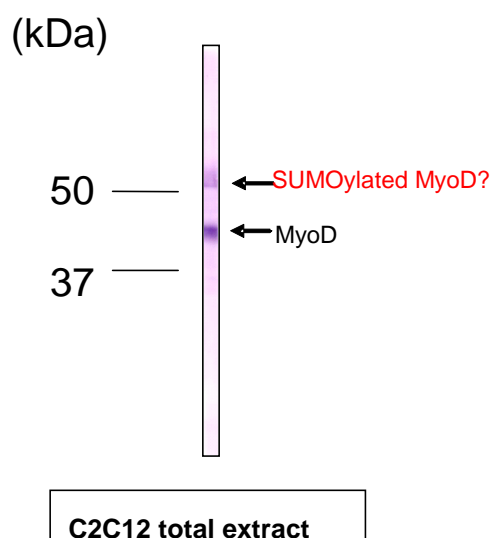


Fig.2 Western blot MyoD antibody (5F11)  
C2C12 cell total extracts

Optimal dilutions/concentrations should be determined by the end user.

**Cross reactivity** Mouse Other species have not been tested.

**Storage** Store below -20°C (below -70°C for prolonged storage e).

**References** 1) Harada et al., (2010) Hybridoma, 29, 255-258.  
This antibody is used in ref.1.

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Inspiration for Life Science

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