

MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. CE-011A

Anti-MyoD antibody

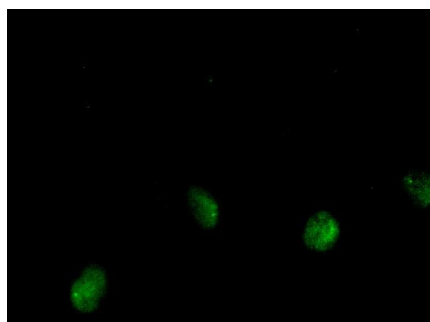
BACKGROUND

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.

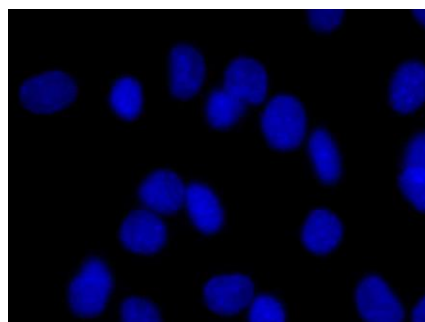
Product type	Primary antibodies
Host	Rat
Source	Culture supernatant
Form	Liquid
	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05% NaN ₃ .
Volume	100 µl
Concentration	1 mg/ml
Specificity	MyoD
Antigen	Recombinant GST-fused mouse MyoD protein (full length).
Clone	5F11
Isotype	IgG2a

Application notes	WB, ICC, IHC, ChIP
	Recommended dilutions
	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

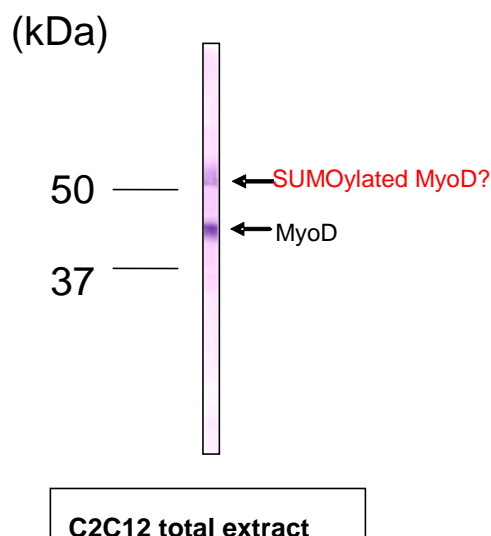


Fig.2 Western blot MyoD antibody (5F11)
C2C12 cell total extracts

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).

References

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

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