

Anti-MyoD antibody

Clone	Cross reactivity	Application notes	Host	Isotype	Storage
5F11	Ms	WB, ICC, IHC, ChIP	Rat	IgG2a, κ	-20°C

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.

Immunogen Recombinant GST-fused mouse MyoD protein (full length)

Data

Host Rat
Isotype IgG2a, κ
Cross reactivity Mouse
Other species have not been tested.
Specificity MyoD
Application notes Recommended use
WB, ICC, IHC, ChIP
Recommended dilutions
Western blotting, 1/1000 to 1/5000
Immunocytochemistry, 1/100 to 1/500
Immunohistochemistry, 1/100 to 1/500
Optional dilutions/concentrations should be determined by the end user.

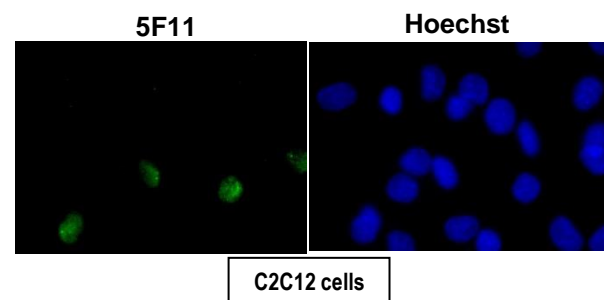


Fig.1 Immunocytochemistry/Immunofluorescence - MyoD antibody (5F11) C2C12 (mouse) cells

Source Culture Supernatant
Purification Ion-exchange chromatography
Form Liquid
Presentation Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
Concentration 1 mg/mL
Volume 100 μ L
Storage Store below -20°C (below -70°C for prolonged storage)
Aliquot to avoid cycles of freeze/thaw.

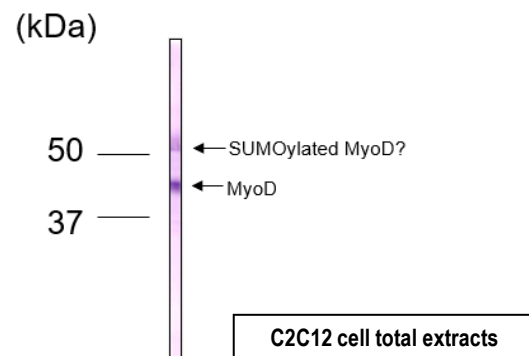


Fig.2 Western blot - MyoD antibody (5F11) C2C12 (mouse) cell total extracts

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