

## MYOD1 Ab

[References\(1\)](#) [Images\(2\)](#)

Cat.#: BF0314                                      Concn.: ~1mg/ml                                      Mol.Wt.: 34kDa  
Size:    Source: Mouse    Clonality: Monoclonal

Application:                                      ELISA 1:10000, WB 1:500-1:2000  
\*The optimal dilutions should be determined by the end user.

Reactivity:    Human

Storage:    Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:    Affinity-chromatography.

Immunogen:    Purified recombinant fragment of human MYOD1 expressed in E. Coli.

Uniprot:    P15172

Description:    This gene product belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It is involved in muscle cell differentiation, and is essential for repair of damaged tissue. It activates its own transcription which may stabilize commitment to myogenesis.

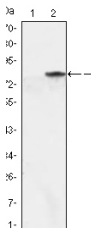


Figure 1: Western blot analysis using MYOD1 mAb against HEK293 (1) and MYOD1(AA: 1-200)-hIgGFc transfected HEK293 (2) cell lysate.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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