
MYOD1 (1C8) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 253063

Unit: 0.1 ml

Description:

MYOD1 (Myoblast determination protein 1) is a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis.

Isotype: Mouse IgG1

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Myoblast determination protein 1; Class C basic helix-loop-helix protein 1; bHLHc1; Myogenic factor 3; Myf-3; BHLHC1; MYF3; MYOD; MYOD1

Accession No.: P15172

Antigen: Purified recombinant fragment of human MYOD1 expressed in *E. coli*.

Application Notes: WB: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.