


### Anti-MyoD1 antibody [5.2F] ab16148

★★★★☆ [17 Abreviews](#) [51 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-MyoD1 antibody [5.2F]
製品の詳細	Mouse monoclonal [5.2F] to MyoD1
由来種	Mouse
特異性	This antibody does not cross react with Myogenin, Myf5, or Myf6.
アプリケーション	<b>適用あり:</b> Sandwich ELISA, IHC-P
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Chicken, Pig 
免疫原	Synthetic peptide corresponding to Mouse MyoD1 aa 3-56 (N terminal). Sequence: LLSPPLRDIDLTGPDGSLCSFETADDFYDDPCFDSPLRFFE DLDPRLVH VGAL  Database link: <a href="#">P10085</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
ポジティブ・コントロール	WB: Mouse muscle tissue lysate. ICC/IF: Rat differentiated skeletal muscle cells. IHC-P: Human rhabdomyosarcoma.
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.  If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.08% Sodium azide Constituent: PBS

精製度	Immunogen affinity purified
ポリ/モノ	モノクローナル
クローン名	5.2F
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG2a

## アプリケーション

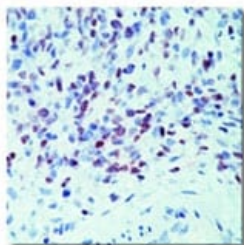
**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab16148の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Sandwich ELISA		Use a concentration of 5 µg/ml. Can be paired for Sandwich ELISA with <b>Rabbit polyclonal to MyoD1 (ab64159)</b> . For sandwich ELISA, use this antibody as Capture at 5 µg/ml with <b>Rabbit polyclonal to MyoD1 (ab64159)</b> as Detection.
IHC-P	★★★★★ (6)	Use a concentration of 2 - 4 µg/ml.

## ターゲット情報

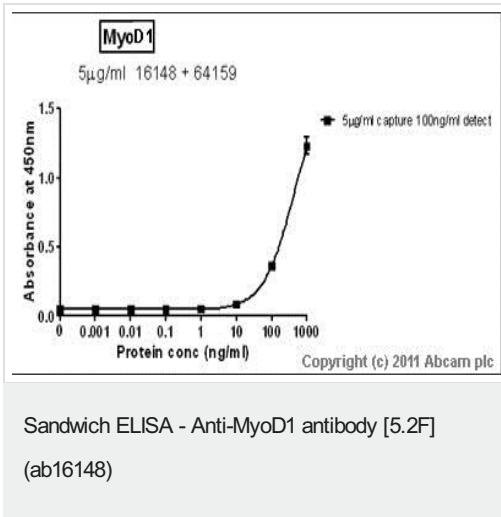
機能	Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Activates muscle-specific promoters. Interacts with and is inhibited by the twist protein. This interaction probably involves the basic domains of both proteins.
配列類似性	Contains 1 basic helix-loop-helix (bHLH) domain.
翻訳後修飾	Acetylated by a complex containing EP300 and PCAF. The acetylation is essential to activate target genes. Conversely, its deacetylation by SIRT1 inhibits its function. Ubiquitinated on the N-terminus; which is required for proteasomal degradation.
細胞内局在	Nucleus.

## 画像



Immunohistochemical staining using ab16148 at 2µg/ml on formalin fixed, paraffin embedded samples of human rhabdomyosarcoma.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MyoD1 antibody [5.2F] (ab16148)



Standard Curve for Myo-D; dilution range 1 pg/ml to 1 ug/ml using Capture Antibody **Mouse monoclonal [5.2F] to MyoD1 (ab16148)** at 5ug/ml and Detector Antibody **Rabbit polyclonal to MyoD1 (ab64159)** at 0.1ug/ml.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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