

Product datasheet

Anti-MyoD1 antibody [5.2F], prediluted ab7272

製品の概要

製品名	Anti-MyoD1 antibody [5.2F], prediluted
製品の詳細	Mouse monoclonal [5.2F] to MyoD1, prediluted
由来種	Mouse
特異性	This antibody is specific to a 45 kD protein. This antibody does not react with myogenin, Myf5 or Myf6. MyoD1 stains the nuclei of myoblasts in developing muscle tissues. MyoD1 is not detected in normal adult tissue but is expressed strongly in the tumor cell nuclei of rhabdomyosarcomas.
アプリケーション	適用あり: IHC-Fr
種交差性	交差種: Mouse
免疫原	BALB/C mice were injected with a recombinant mouse MyoD1 protein.
エピトープ	This antibody is specific to an epitope of amino acid 3-56 in the N-terminus of mouse MyoD1.
ポジティブ・コントロール	Tonsil

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.05% Sodium Azide Constituents: Inert stabilizer
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	5.2F
アイソタイプ	IgG2a

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab7272** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-Fr		Use at an assay dependent concentration.

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.

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