

### Anti-MyoD1 antibody [5.2F], prediluted ab7272

#### 概述

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产品名称	Anti-MyoD1抗体[5.2F], prediluted
描述	小鼠单克隆抗体[5.2F] to MyoD1, prediluted
宿主	Mouse
特异性	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.
经测试应用	<b>适用于:</b> IHC-Fr
种属反应性	<b>与反应:</b> Mouse
免疫原	BALB/C mice were injected with a recombinant mouse MyoD1 protein.
表位	This antibody is specific to an epitope of amino acid 3-56 in the N-terminus of mouse MyoD1.
阳性对照	Tonsil

#### 性能

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形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.05% Sodium azide
	Inert stabilizer
纯度	Protein A purified
克隆	单克隆
克隆编号	5.2F
同种型	IgG2a

#### 应用

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**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab7272于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-Fr		Use at an assay dependent concentration.

## 靶标

<b>功能</b>	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.
<b>序列相似性</b>	Contains 1 basic helix-loop-helix (bHLH) domain.
<b>翻译后修饰</b>	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.
<b>细胞定位</b>	Nucleus.

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