

## Basic Information

<b>Product Name</b>	Anti-MYOD1 Antibody (Clone#AABF-13)
<b>Gene Name</b>	MYOD1
<b>Source</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Species Reactivity</b>	human
<b>Tested Application</b>	WB, IP, FCM
<b>Contents</b>	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
<b>Immunogen</b>	A synthesized peptide derived from human MyoD1
<b>Concentration</b>	500 ug/ml
<b>Purification</b>	Affinity-chromatography
<b>Observed MW</b>	45 kDa
<b>Dilution Ratios</b>	Western blot (WB): 1:500-2000 ImmunoPrecipitation (IP):1:20 Flow Cytometry (FCM): 1:20

## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

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.

## Selected Validation Data

Product datasheet

## Anti-MYOD1 Antibody (Clone#AABF-13)

Catalog Number: **BM5004**

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Western blot analysis of MyoD1 expression in HeLa cell lysate.

