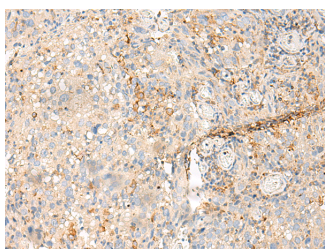


## MDFI Polyclonal Antibody

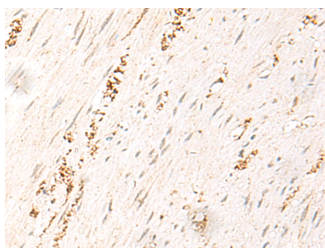
<b>Catalog No.</b>	E-AB-52715	<b>Reactivity</b>	H,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	IHC,ELISA	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using MDFI Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using MDFI Polyclonal Antibody at dilution of 1:50(×200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human MDFI
<b>Gene Accession</b>	BC007836
<b>Swissprot</b>	Q99750
<b>Synonyms</b>	I MF,I mfa,Mdfi,MDFI,MyoD family inhibitor,Myogenic repressor I-mf

### Product Information

<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	IHC 1:50-1:300, ELISA 1:5000-1:10000

### Background

This protein is a transcription factor that negatively regulates other myogenic family proteins. Studies of the mouse homolog, I-mf, show that it interferes with myogenic factor function by masking nuclear localization signals and preventing DNA binding. Knockout mouse studies show defects in the formation of vertebrae and ribs that also involve cartilage formation in these structures.MDFI (MyoD Family Inhibitor) is a Protein Coding gene. GO annotations related to this gene include transcription factor binding. An important paralog of this gene is MDFIC.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.