

**MDFI rabbit pAb****Cat#: orb765638 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	MDFI rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MDFI. AA range:103-152
<b>Specificity</b>	MDFI Polyclonal Antibody detects endogenous levels of MDFI protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	MyoD family inhibitor
<b>Gene Name</b>	MDFI
<b>Cellular localization</b>	Nucleus . Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

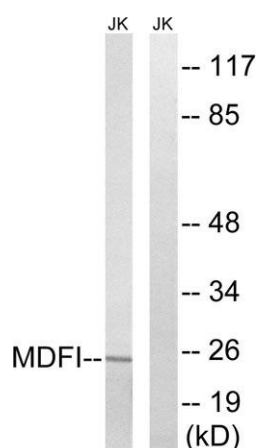
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	25kD
<b>Human Gene ID</b>	4188
<b>Human Swiss-Prot Number</b>	Q99750
<b>Alternative Names</b>	MDFI; MyoD family inhibitor; Myogenic repressor I-mf

### 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. [provided by RefSeq, Jul 2008],



**Western Blot analysis of various cells using MDFI Polyclonal Antibody**



**Western blot analysis of lysates from Jurkat cells, using MDFI Antibody. The lane on the right is blocked with the synthesized peptide.**