

Product datasheet for **TA378414**

MDFI Rabbit Polyclonal Antibody

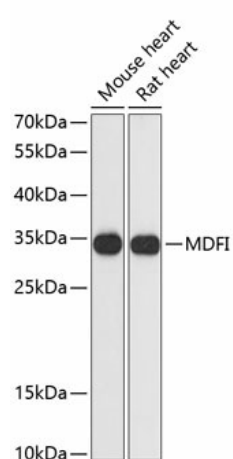
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-160 of human MDFI (NP_005577.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	25kDa
Gene Name:	MyoD family inhibitor
Database Link:	Entrez Gene 4188 Human Q99750
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.
Synonyms:	I-MF; I-mfa; OTTHUMP00000196414

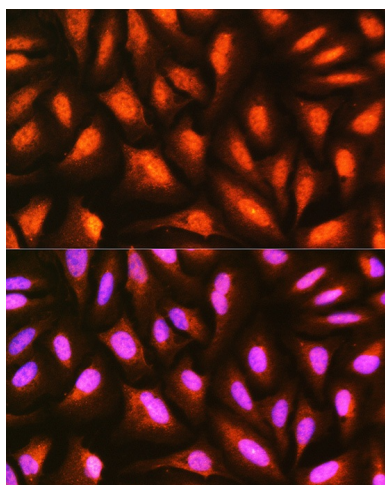


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Product images:



Western blot analysis of extracts of various cell lines, using MDFI antibody (TA378414) at 1:3000 dilution.



Immunofluorescence analysis of U-2 OS cells using MDFI Rabbit pAb (TA378414) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.