

Rabbit Anti-MDFi , Alexa Fluor® 680 conjugated antibody

SL18743R-AF680

Product Name	MDFI, Bodipy Fluor 680 conjugated
Chinese Name	AF680 标记的抑制肌原调节蛋白 1 抗体
Alias	I MF; I mfa; Inhibitor of MyoD family a; Mdfi; MDFI_HUMAN; MyoD family inhibitor; Myogenic repressor I-mf; OTTHUMP00000016375; OTTHUMP00000016376; OTTHUMP000000196103; OTTHUMP000000196414; OTTHUMP000000196415.
Research Area	Cell biology Developmental biology transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Pig,Cow,Horse,Sheep) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	25kDa
Cellular localization	The nucleus cytoplasmic
Form	Liquid
Concentration immunogen	1mg/ml KLH conjugated synthetic peptide derived from human MDFI: 101-200/246
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	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]

SWISS:
Q99750

Gene ID:
4188

Database links:

[Entrez Gene: 4188](#) Human

[Entrez Gene: 17240](#) Mouse

[Omim: 604971](#) Human

[SwissProt: Q99750](#) Human

[SwissProt: P70331](#) Mouse

[Unigene: 520119](#) Human

[Unigene: 329100](#) Mouse