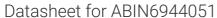
# antibodies -online.com





## anti-MDFI antibody (AA 101-200) (Alexa Fluor 555)



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Quantity:	100 μL
Target:	MDFI
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MDFI antibody is conjugated to Alexa Fluor 555
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human MDFI
Isotype:	IgG
Specificity:	In Mice, there is possible cross-reactivity with Glycoprotein endo-alpha-1,2-mannosidase (67 $\%$ homology with immunogen sequence, 53 kDa)
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	MDFI	
Alternative Name:	MDFI (MDFI Products)	
Background:	Synonyms: I MF, I mfa, Inhibitor of MyoD family a, Mdfi, MDFI_HUMAN, MyoD family inhibitor,	
	Myogenic repressor I-mf, OTTHUMP00000016375, OTTHUMP00000016376,	
	OTTHUMP00000196103, OTTHUMP00000196414, OTTHUMP00000196415.	
	Background: Inhibits the transactivation activity of the Myod family of myogenic factors and	
	represses myogenesis. Acts by associating with Myod family members and retaining them in	
	the cytoplasm by masking their nuclear localization signals. Can also interfere with the DNA-	
	binding activity of Myod family members. Plays an important role in trophoblast and	
	chondrogenic differentiation. Regulates the transcriptional activity of TCF7L1/TCF3 by	
	interacting directly with TCF7L1/TCF3 and preventing it from binding DNA. Binds to the axin	
	complex, resulting in an increase in the level of free beta-catenin. Affects axin regulation of the	
	WNT and JNK signaling pathways (By similarity).	
Gene ID:	4188	
UniProt:	Q99750	
Pathways:	Maintenance of Protein Location	
Application Details		
Application Notes:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	

## Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months