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Datasheet for ABIN6944053

anti-MDFI antibody (AA 101-200) (Alexa Fluor 647)

Overview

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 647
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:	<p>Synonyms: I MF, I mfa, Inhibitor of MyoD family a, Mdfi, MDFI_HUMAN, MyoD family inhibitor, Myogenic repressor I-mf, OTTHUMP00000016375, OTTHUMP00000016376, OTTHUMP000000196103, OTTHUMP000000196414, OTTHUMP000000196415.</p> <p>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).</p>
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 handled by trained staff only.

Handling

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