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Datasheet for ABIN6944046
anti-MDFI antibody (AA 101-200)

Overview

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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 un-conjugated |
| Application: | ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| 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

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| 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

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| Application Notes: | ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |

Handling

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| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |