

Goat anti-MDF1 Antibody

Item Number	dAP-2097
Target Molecule	Principle Name: MDF1; Official Symbol: MDF1; All Names and Symbols: MDF1; MyoD family inhibitor; I-MF; I-mfa; OTTHUMP00000196414; inhibitor of MyoD family a; Accession Number (s): NP_005577.1; Human Gene ID(s): 4188; Non-Human GeneID(s):
Immunogen	YQVSGQRPSGCD, is from N Terminus
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: Preliminary experiments gave an approx 20kDa band in Human Skeletal Muscle lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size
IHC	
Reference	Reference(s): Ma R, Rundle D, Jacks J, Koch M, Downs T, Tsiokas L, Inhibitor of myogenic family, a novel suppressor of store-operated currents through an interaction with TRPC1. The Journal of biological chemistry 2003 Dec 278 (52): 52763-72.. PMID: 14530267->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**