

MDFI Conjugated Antibody

Catalog No: #C47720



Package Size: #C47720-AF350 100ul #C47720-AF405 100ul #C47720-AF488 100ul
 #C47720-AF555 100ul #C47720-AF594 100ul #C47720-AF647 100ul
 #C47720-AF680 100ul #C47720-AF750 100ul #C47720-Biotin 100ul

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Description

Product Name	MDFI Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Rat
Specificity	The antibody detects endogenous levels of total MDFI protein.
Immunogen Description	Fusion protein of human MDFI
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	I-MF; I-mfa
Accession No.	Swiss-Prot#:Q99750NCBI Gene ID:4188NCBI mRNA#:NCBI Protein#:BC007836
Uniprot	Q99750
GeneID	4188;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	25 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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.

Note: This product is for in vitro research use only