

Product datasheet for **CF504443**

MIF4GD Mouse Monoclonal Antibody [Clone ID: OTI4C11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4C11
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MIF4GD(NP_065730) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	29.2 kDa
Gene Name:	MIF4G domain containing
Database Link:	NP_065730 Entrez Gene 69674 Mouse Entrez Gene 360659 Rat Entrez Gene 57409 Human A9UHW6



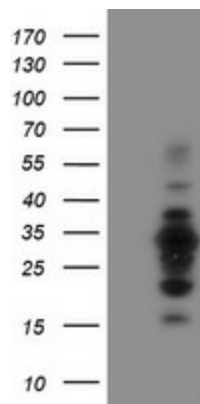
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Background:

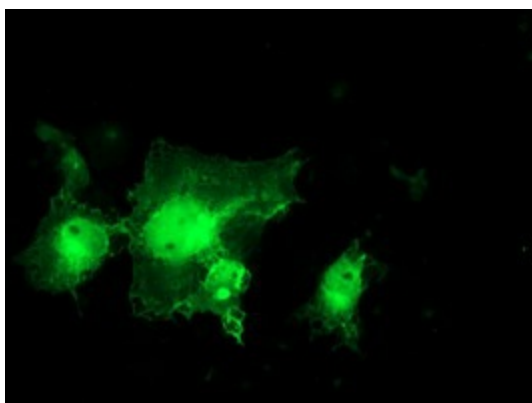
This gene encodes a protein which interacts with the N-terminus of the stem-loop binding protein (SLBP) and the 3' end of histone mRNA. This interaction facilitates the activation of histone mRNA translation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Synonyms:

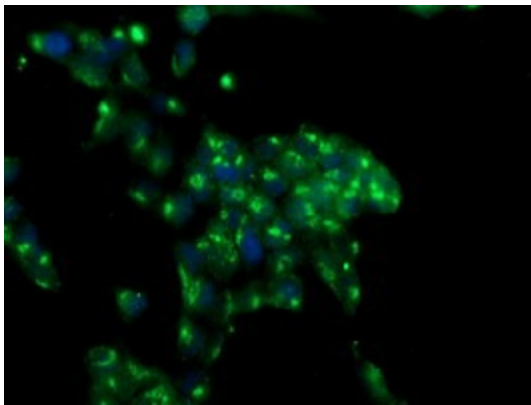
AD023; MIFD; SLIP1

Product images:

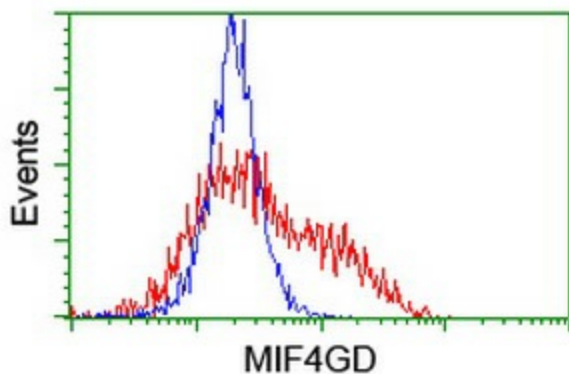
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MIF4GD (Cat# [RC207489], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MIF4GD (Cat# [TA504443]). Positive lysates [LY402799] (100ug) and [LC402799] (20ug) can be purchased separately from OriGene.



Anti-MIF4GD mouse monoclonal antibody ([TA504443]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY MIF4GD ([RC207489]).



Immunofluorescent staining of HeLa cells using anti-MIF4GD mouse monoclonal antibody ([TA504443]).



HEK293T cells transfected with either [RC207489] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MIF4GD antibody ([TA504443]), and then analyzed by flow cytometry.