

For Research Use Only

MDFIC Polyclonal antibody

Catalog Number: 31740-1-AP



Basic Information

Catalog Number:

31740-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35437

GenBank Accession Number:

NM_001166345

GeneID (NCBI):

29969

UNIPROT ID:

Q9P1T7

Full Name:

MyoD family inhibitor domain containing

Calculated MW:

26 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, IP, ELISA

Species Specificity:

human

Positive Controls:

IP: Kasumi-1 cells,

IF/ICC: HEK-293 cells,

Background Information

MDFIC encodes the MyoD family inhibitor domain containing protein, a 246-amino acid protein documented to regulate the activity of transcription factors including the glucocorticoid receptor (GR), HAND1, and T cell factor/lymphoid enhancer factor (TCF/LEF) family members. The C-terminal region of MDFIC harbors a domain extremely rich in cysteine residues, reported to mediate protein-protein interactions between MDFIC and transcription factor componentry (PMID: 35235341).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

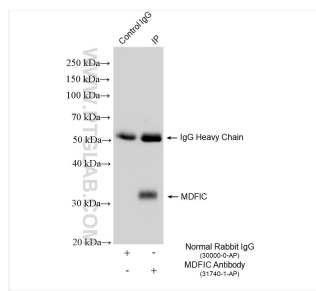
For technical support and original validation data for this product please contact:

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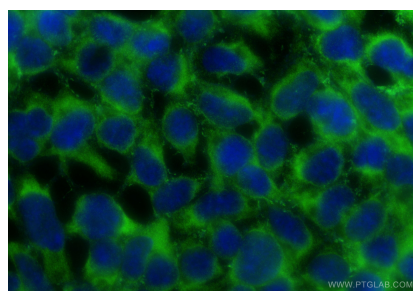
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-MDFIC (IP:31740-1-AP, 4ug; Detection:31740-1-AP 1:500) with Kasumi-1 cells lysate 1320 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using MDFIC antibody (31740-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).