

## Product datasheet for **TA339839**

### MDFIC Rabbit Polyclonal Antibody

#### Product data:

|                         |                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:           | Primary Antibodies                                                                                                                                                                                                       |
| Applications:           | WB                                                                                                                                                                                                                       |
| Recommended Dilution:   | WB                                                                                                                                                                                                                       |
| Reactivity:             | Human                                                                                                                                                                                                                    |
| Host:                   | Rabbit                                                                                                                                                                                                                   |
| Isotype:                | IgG                                                                                                                                                                                                                      |
| Clonality:              | Polyclonal                                                                                                                                                                                                               |
| Immunogen:              | The immunogen for anti-MDFIC antibody: synthetic peptide directed towards the middle region of human MDFIC. Synthetic peptide located within the following region:<br>PQLQTSAQVPSGEEIGKIKNGHTGLSNGNGIHHGAKHGSADNRKLSAPVS |
| Formulation:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.<br><i>Note that this product is shipped as lyophilized powder to China customers.</i>                                  |
| Concentration:          | lot specific                                                                                                                                                                                                             |
| Purification:           | Affinity Purified                                                                                                                                                                                                        |
| Conjugation:            | Unconjugated                                                                                                                                                                                                             |
| Storage:                | Store at -20°C as received.                                                                                                                                                                                              |
| Stability:              | Stable for 12 months from date of receipt.                                                                                                                                                                               |
| Predicted Protein Size: | 37 kDa                                                                                                                                                                                                                   |
| Gene Name:              | MyoD family inhibitor domain containing                                                                                                                                                                                  |
| Database Link:          | <a href="#">NP_951038</a><br><a href="#">Entrez Gene 29969 Human</a><br><a href="#">Q9P1T7</a>                                                                                                                           |



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**Background:**

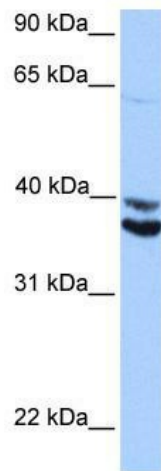
MDFIC is a member of a family of proteins characterized by a specific cysteine-rich C-terminal domain, which is involved in transcriptional regulation of viral genome expression. Alternative translation initiation from an upstream non-AUG (GUG), and an in-frame, downstream AUG codon, results in the production of two isoforms, p40 and p32, respectively, which have different subcellular localization; p32 is mainly found in the cytoplasm, whereas p40 is targeted to the nucleolus. Both isoforms have transcriptional regulatory activity that is attributable to the cysteine-rich C-terminal domain. This gene product is a member of a family of proteins characterized by a specific cysteine-rich C-terminal domain, which is involved in transcriptional regulation of viral genome expression. Alternative translation initiation from an upstream non-AUG (GUG), and an in-frame, downstream AUG codon, results in the production of two isoforms, p40 and p32, respectively, which have different subcellular localization; p32 is mainly found in the cytoplasm, whereas p40 is targeted to the nucleolus. Both isoforms have transcriptional regulatory activity that is attributable to the cysteine-rich C-terminal domain.

**Synonyms:**

HIC

**Note:**

Immunogen Sequence Homology: Human: 100%; Horse: 93%; Rabbit: 93%; Dog: 86%; Pig: 86%; Rat: 79%; Bovine: 79%

**Product images:**

WB Suggested Anti-MDFIC Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate