

**MDFIC Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8709a**

**Specification**

---

**MDFIC Antibody (N-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">Q9P1T7-1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	73-99

**MDFIC Antibody (N-term) - Additional Information**

**Other Names**

MyoD family inhibitor domain-containing protein, I-mfa domain-containing protein, hIC, MDFIC (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=28870" target="\_blank">HGNC:28870</a>)

**Target/Specificity**

This MDFIC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 73-99 amino acids from the N-terminal region of human MDFIC.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MDFIC Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

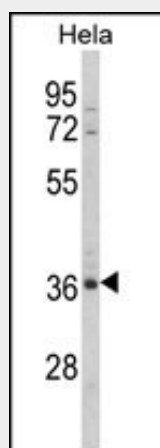
**MDFIC Antibody (N-term) - Protein Information**

**MDFIC Antibody (N-term) - Protocols**

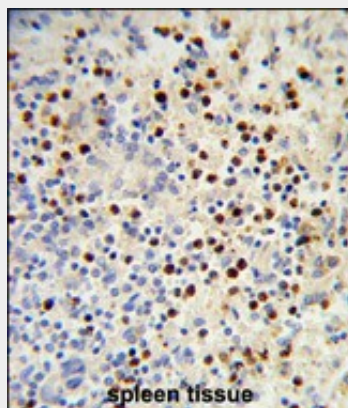
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

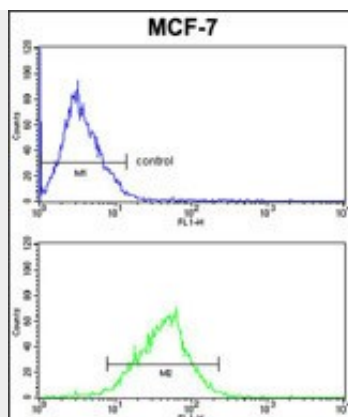
#### **MDFIC Antibody (N-term) - Images**



Western blot analysis of MDFIC Antibody (N-term) (Cat. #AP8709a) in HeLa cell line lysates (35ug/lane). MDFIC (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human spleen reacted with MDFIC Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



MDFIC Antibody (N-term) (Cat.#AP8709a) FC analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **MDFIC Antibody (N-term) - 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.

#### **MDFIC Antibody (N-term) - References**

Thebault, S. et.al., Curr. Protein Pept. Sci. 2 (2), 155-167 (2001)