

## **NFIA Antibody (monoclonal) (M02)**

Mouse monoclonal antibody raised against a full length recombinant NFIA.

Catalog # AT3032a

### **Specification**

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#### **NFIA Antibody (monoclonal) (M02) - Product Information**

Application	IF, WB, E
Primary Accession	<a href="#">Q12857</a>
Other Accession	<a href="#">BC022264</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	55944

#### **NFIA Antibody (monoclonal) (M02) - Additional Information**

**Gene ID** 4774

##### **Other Names**

Nuclear factor 1 A-type, NF1-A, Nuclear factor 1/A, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/A, NF-I/A, NFI-A, TGGCA-binding protein, NFIA, KIAA1439

##### **Target/Specificity**

NFIA (AAH22264, 1 a.a. ~ 498 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### **Precautions**

NFIA Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

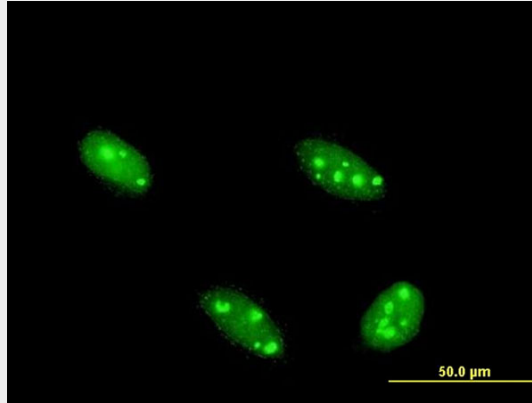
#### **NFIA Antibody (monoclonal) (M02) - Protocols**

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

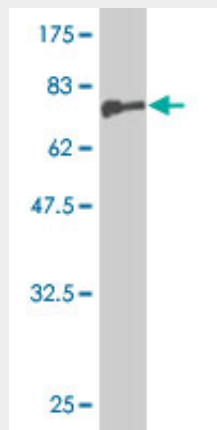
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

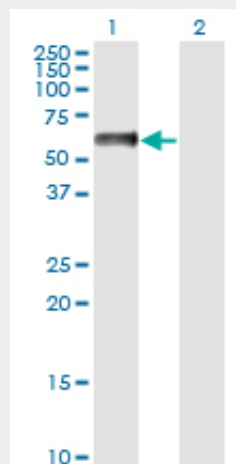
### NFIA Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to NFIA on HeLa cell . [antibody concentration 10 ug/ml]

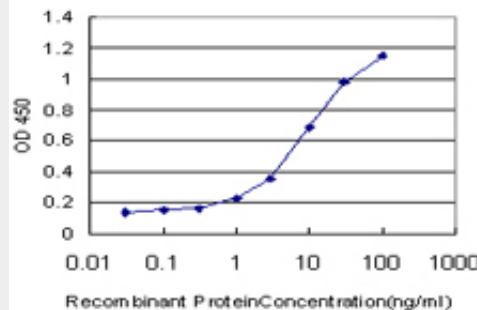


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (80.52 KDa) .



Western Blot analysis of NFIA expression in transfected 293T cell line by NFIA monoclonal antibody (M02), clone 1E11.

Lane 1: NFIA transfected lysate (Predicted MW: 54.6 KDa).  
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged NFIA is approximately 0.3ng/ml as a capture antibody.

### **NFIA Antibody (monoclonal) (M02) - Background**

Nuclear factor I (NFI) proteins constitute a family of dimeric DNA-binding proteins with similar, and possibly identical, DNA-binding specificity. They function as cellular transcription factors and as replication factors for adenovirus DNA replication. Diversity in this protein family is generated by multiple genes, differential splicing, and heterodimerization.

### **NFIA Antibody (monoclonal) (M02) - References**

1. The interplay between the master transcription factor PU.1 and miR-424 regulates human monocyte/macrophage differentiation. Rosa A, Ballarino M, Sorrentino A, Sthandier O, De Angelis FG, Marchioni M, Masella B, Guarini A, Fatica A, Peschle C, Bozzoni I. Proc Natl Acad Sci U S A. 2007 Dec 11;104(50):19849-54. Epub 2007 Dec 3.