

NFIA Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a full length recombinant NFIA.****Catalog # AT3032a****Specification**

NFIA Antibody (monoclonal) (M02) - Product Information

Application	WB, IF, E
Primary Accession	Q12857
Other Accession	BC022264
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

IF~~1:50~200

E~~N/A

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.

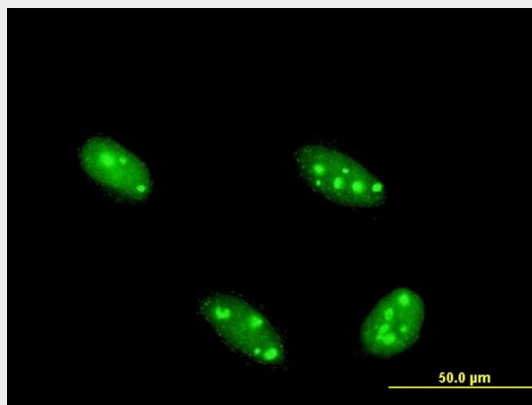
NFIA Antibody (monoclonal) (M02) - Protocols

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

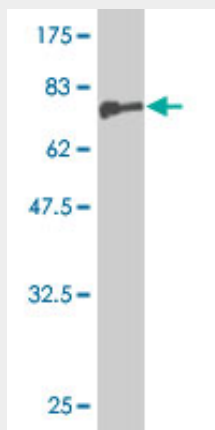
- [Western Blot](#)

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

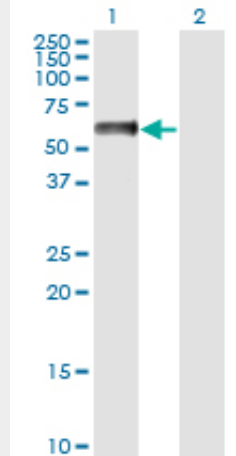
NFIA Antibody (monoclonal) (M02) - Images



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



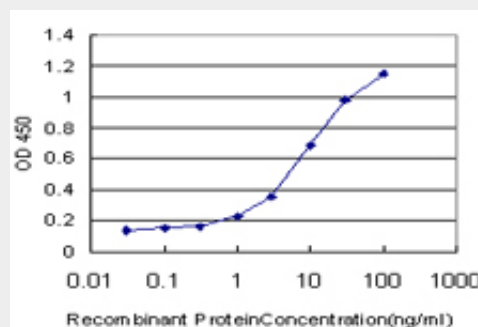
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (80.52 KDa) .



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.