

NFIC Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant NFIC.

Catalog # AT3033a

Specification

NFIC Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, IHC
Primary Accession	P08651
Other Accession	BC012120
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	55675

NFIC Antibody (monoclonal) (M01) - Additional Information

Gene ID 4782

Other Names

Nuclear factor 1 C-type, NF1-C, Nuclear factor 1/C, CCAAT-box-binding transcription factor, CTF, Nuclear factor I/C, NF-I/C, NFI-C, TGGCA-binding protein, NFIC, NFI

Target/Specificity

NFIC (AAH12120, 1 a.a. ~ 428 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

NFIC Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

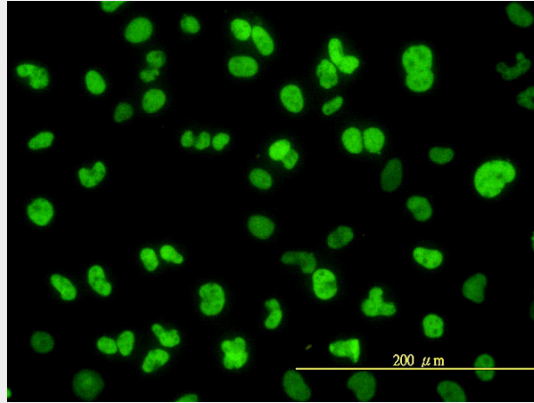
NFIC Antibody (monoclonal) (M01) - Protocols

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

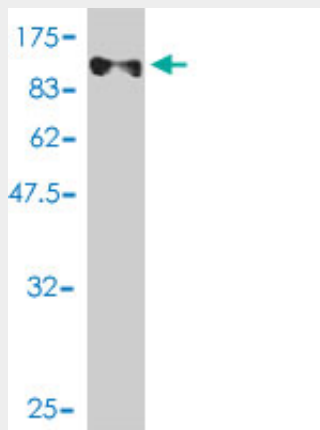
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

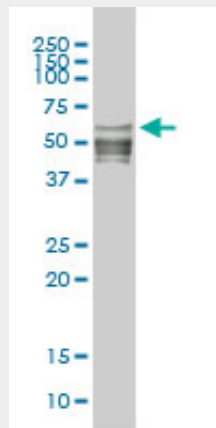
NFIC Antibody (monoclonal) (M01) - Images



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

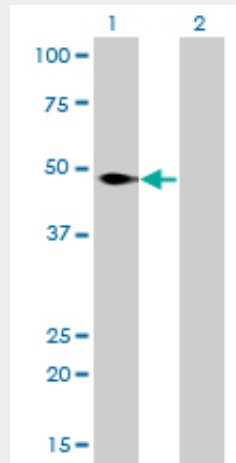


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (72.82 KDa) .



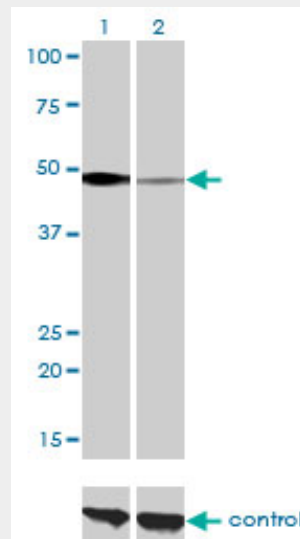
NFIC monoclonal antibody (M01), clone 1C12-2A2 Western Blot analysis of NFIC expression in

A-431 ((Cat # AT3033a)

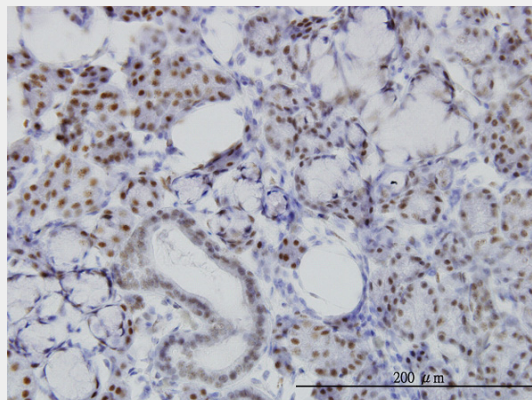


Western Blot analysis of NFIC expression in transfected 293T cell line by NFIC monoclonal antibody (M01), clone 1C12-2A2.

Lane 1: NFIC transfected lysate(47.6 KDa).
Lane 2: Non-transfected lysate.



Western blot analysis of NFIC over-expressed 293 cell line, cotransfected with NFIC Validated Chimera RNAi ((Cat # AT3033a)



Immunoperoxidase of monoclonal antibody to NFIC on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

NFIC Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. *Mol Med*, 2010 Jul-Aug. PMID 20379614. Identification of a region in the human IRS2 promoter essential for stress induced transcription depending on SP1, NFI binding and ERK activation in HepG2 cells. Udelhoven M, et al. *J Mol Endocrinol*, 2010 Feb. PMID 19755487. Nuclear factor I-C links platelet-derived growth factor and transforming growth factor beta1 signaling to skin wound healing progression. Plasari G, et al. *Mol Cell Biol*, 2009 Nov. PMID 19752192. Regulation of the CYP3A4 and CYP3A7 promoters by members of the nuclear factor I transcription factor family. Riffel AK, et al. *Mol Pharmacol*, 2009 Nov. PMID 19706729. Nuclear factor I transcription factors regulate IGF binding protein 5 gene transcription in human osteoblasts. P?rez-Casellas LA, et al. *Biochim Biophys Acta*, 2009 Feb. PMID 18809517.