

Mouse anti-Human Nuclear Factor I/C Monoclonal Antibody | anti-NFATC2 antibody

Nuclear Factor I/C (NFIC, CCAAT-binding Transcription Factor, CTF, Nuclear Factor 1 C-Type, CTF5, MGC20153, NF-I, NF1-C, CTF, TGGCA-Binding Protein, NF1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24060	Mouse	Human	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

Nuclear Factor I/C; Monoclonal Antibody; Nuclear Factor I/C (NFIC; CCAAT-binding Transcription Factor; CTF; Nuclear Factor 1 C-Type; CTF5; MGC20153; NF-I; NF1-C; TGGCA-Binding Protein; NF1); Anti -Nuclear Factor I/C (NFIC; anti-NFATC2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1C12-2A2
Specificity	Recognizes human NFIC.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	MYSSPLCLTQ DEFHPFIEAL LPHVRAFAYT WFNLQARKRK YFKKHEKRMS KDEERAVKDE LLGEKPEVKQ KWASRLAKL RKDIRPECRE DFVLSITGKK APGCVLSNPD QKGKMRRIDC LRQADKVVRL DLVMVILFKG IPLESTDGER LVKAAQCGHP VLCVQPHHIG VAVKELDLYL AYFVRERDAE QSGSPRTGMG SDQEDSKPIT LDTTDFQESF VTSGVFSVTE LIQVSRTPVV TGTGPNFSLG ELQGHLAYDL NPASTGLRRT LPSTSSSGSK RHKSGSMEED VDTSPGGDYY TSPSSPTSSC RNWTEDEMEG ISSPVKKTEM DKSPFNPSPP QDSPRLSSFT QHHRPVIAPH SGIARSPHPS SALHFPTTSI LPQTASTYFP HTAIRYPHPL NPQDPLKDLV SLACDPASQQ PGPSWYLG
Applicable Applications for anti-NFATC2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	Suitable for use in Immunofluorescence, ELISA, Western Blot and Immunohistochemistry. Dilution: Immunofluorescence: 10ug/ml Immunohistochemistry (Formalin fixed paraffin embedded): 3ug/ml
Immunogen	Full length recombinant corresponding to aa1-429 from human NFIC (AAH12120) with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)

Western blot analysis of NFIC over-expressed 293 cell line, cotransfected with NFIC Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with NFIC monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western Blot analysis of NFIC expression in transfected 293T cell line by NFIC monoclonal antibody.Lane 1: NFIC transfected lysate (47.6kD).Lane 2: Non-transfected lysate.



WB (Western Blot)

NFIC monoclonal antibody Western Blot analysis of NFIC expression in A-431.



WB (Western Blot)

Western Blot detection against Immunogen (72.82kD).

ADDITIONAL INFORMATION

Related Product Information for anti-NFATC2 antibody	Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.
Product Categories/Family for anti-NFATC2 antibody	Antibodies ; Abs to Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886541
NCBI GeneID	4773
NCBI Accession #	NP_775114.1
NCBI GenBank Nucleotide #	NM_173091.3
UniProt Accession #	Q13469; Q13468; Q5TFW7; Q5TFW8; Q9NPX6; Q9NQH3; Q9UJR2; B5B2N8; B5B2N9
Molecular Weight	100,146 Da
NCBI Official Full Name	nuclear factor of activated T-cells, cytoplasmic 2 isoform C
NCBI Official Synonym Full Names	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
NCBI Official Symbol	NFATC2
NCBI Official Synonym Symbols	NFAT1; NFATP
NCBI Protein Information	nuclear factor of activated T-cells, cytoplasmic 2; NF-ATc2; NFAT pre-existing subunit; T cell transcription factor NFAT1; T-cell transcription factor NFAT1; NFAT transcription complex, preexisting component; preexisting nuclear factor of activated T-cells 2; nuclear factor of activated T-cells, preexisting component
UniProt Protein Name	Nuclear factor of activated T-cells, cytoplasmic 2
UniProt Gene Name	NFATC2

UniProt Synonym Gene Names	NFAT1; NFATP; NF-ATc2; NFATc2; NF-ATp
UniProt Entry Name	NFAC2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nuclear-factor-i-c-antibody-clone-1c12-2a2-western-blot-immunohistochemistry-immunofluorescence-elisa/24060>