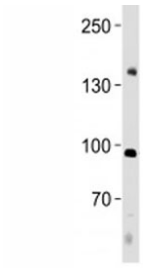
NFATC4 Antibody (F42772)

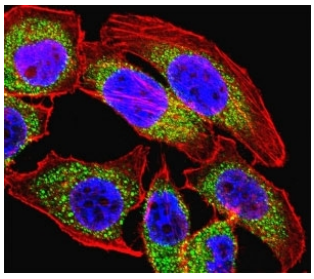
Catalog No.	Formulation	Size
F42772-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42772-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q14934
Localization	Nuclear, cytoplasmic
Applications	Western blot: 1:1000 INFATC4 antibommunofluorescence: 1:10-1:50
Limitations	This NFATC4 antibody is available for research use only.



NFATC4 antibody western blot analysis in human placenta tissue lysate. Predicted molecular weight ~95 kDa, also can be observed at 120-140 kDa.



Fluorescent confocal image of U251 cell stained with NFATC4 antibody. NFATC4 immunoreactivity is localized to the cytoplasm.

Description

The product of this gene is a member of the nuclear factors of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nuclear component. Other members of this family of nuclear factors of activated T cells also participate in the formation of this complex. The product of this gene plays a role in the inducible expression of cytokine genes in T cells, especially in the induction of the IL-2 and IL-4. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq].

Application Notes

Titration of the NFATC4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 744-773 from the human protein was used as the immunogen for this NFATC4 antibody.

Storage

Aliquot the NFATC4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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