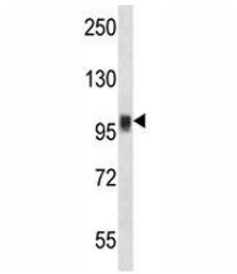
NFATC1 Antibody / NFAT2 (isoform C) (F43345)

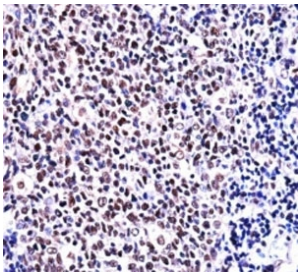
Catalog No.	Formulation	Size
F43345-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43345-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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	O95644
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50
Limitations	This NFATC1 antibody is available for research use only.



NFATC1 antibody western blot analysis in NCI-H292 lysate. Predicted molecular weight ~101 kDa (isoform C).



NFATC1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue.

Description

The product of this gene is a component of the nuclear factor 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. Proteins belonging to this family of transcription factors play a central role in inducible gene transcription during immune response. The product of this gene is an inducible nuclear component. It functions as a major molecular target for the immunosuppressive drugs such as cyclosporin A. Five transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes.

Application Notes

Titration of the NFATC1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 898-927 from the human protein was used as the immunogen for this NFATC1 antibody. This sequence is specific to isoform C.

Storage

Aliquot the NFATC1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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