

## NFAT2 Rabbit mAb

Catalog No: #49555

Package Size: #49555-1 50ul #49555-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

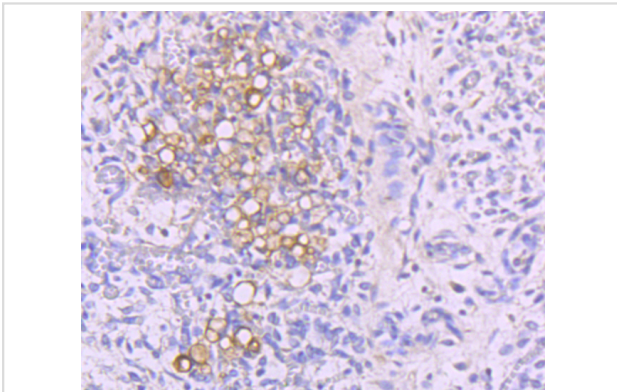
## Description

Product Name	NFAT2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA81-03
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	cytoplasmic 1 antibody MGC138448 antibody NF ATc antibody NF ATc1 antibody NF-ATc antibody NF-ATc1 antibody NF-ATc1.2 antibody NFAC1_HUMAN antibody NFAT 2 antibody NFAT transcription complex cytosolic component antibody NFATC 1 antibody NFATc antibody NFATc1 antibody Nuclear factor of activated T cells cytoplasmic 1 antibody Nuclear factor of activated T cells cytoplasmic calcineurin dependent 1 antibody Nuclear factor of activated T cells cytosolic component 1 antibody nuclear factor of activated T-cells 'c' antibody Nuclear factor of activated T-cells antibody
Accession No.	Swiss-Prot#:O95644
Uniprot	O95644
GeneID	4772;
Calculated MW	101 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

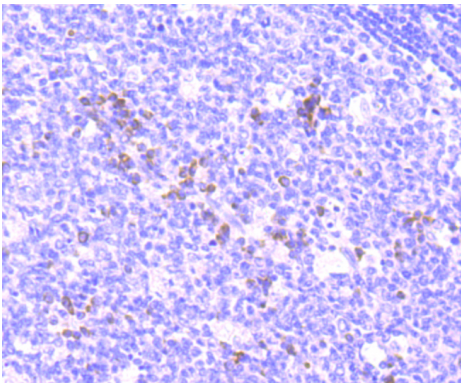
## Application Details

IHC: 1:50-1:200 ICC: 1:50-1:200 FC: 1:50-1:100

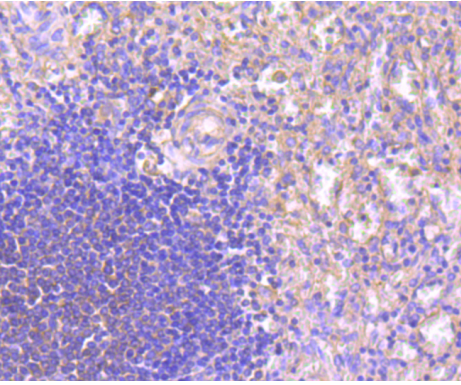
## Images



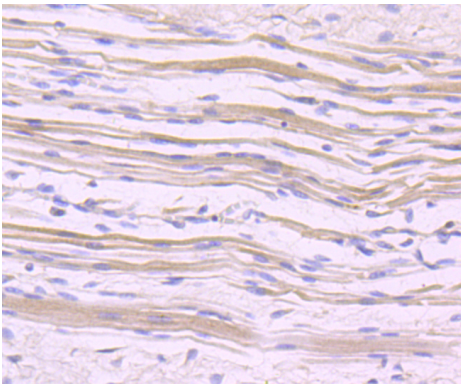
Immunohistochemical analysis of paraffin-embedded human thymus tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.



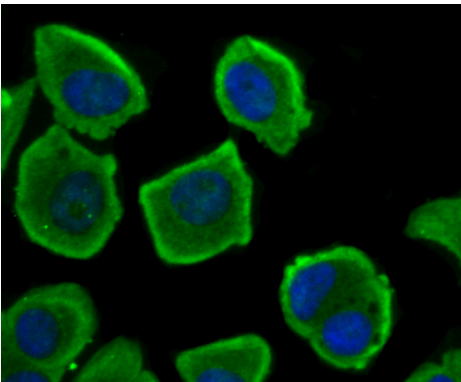
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.



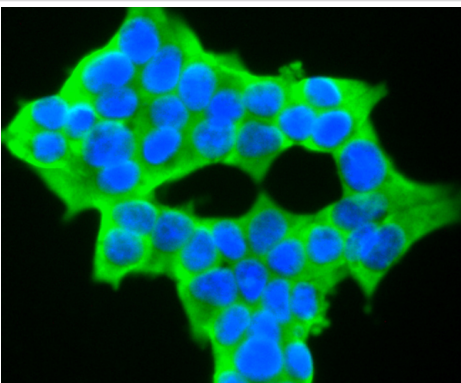
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.



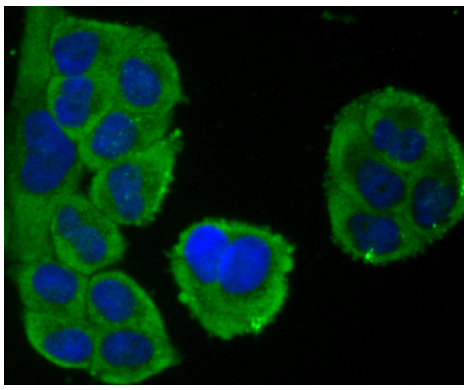
Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.



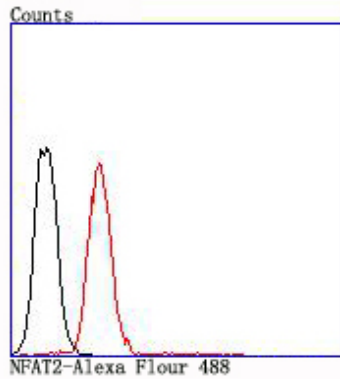
ICC staining NFAT2 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining NFAT2 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining NFAT2 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Jurkat cells with NFAT2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

## Background

Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2 or IL-4 gene transcription. Also controls gene expression in embryonic cardiac cells. Could regulate not only the activation and proliferation but also the differentiation and programmed death of T-lymphocytes as well as lymphoid and non-lymphoid cells. Required for osteoclastogenesis and regulates many genes important for osteoclast differentiation and function.

## References

Note: This product is for in vitro research use only