

# NFAT2 Rabbit mAb

Catalog No.: A19597 **Recombinant** **2 Publications**

## Basic Information

### Observed MW

110kDa

### Calculated MW

101kDa

### Category

Primary antibody

### Applications

ELISA,WB

### Cross-Reactivity

Human

### CloneNo number

ARC0076

## Background

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. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Different isoforms of this protein may regulate inducible expression of different cytokine genes.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

4772

### Swiss Prot

O95644

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 844-943 of human NFAT2 (O95644).

### Synonyms

NFAT2; NFATc; NF-ATC; NF-ATc1.2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

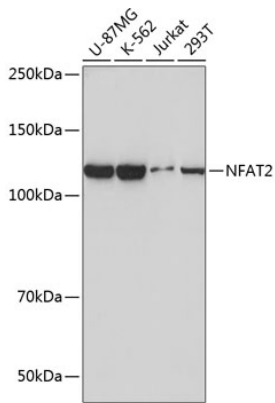
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using NFAT2 antibody (A19597) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.