

RecomAb™

NFATC2 recombinant monoclonal antibody, clone R04-1F7

Catalog # RAB06537 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NFATC2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human NFATC2.
Theoretical MW (kDa)	Calculated MW: 100 k
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — NFATC2

Entrez GeneID	4773
Gene Name	NFATC2
Gene Alias	KIAA0611, NFAT1, NFATP
Gene Description	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
Omim ID	600490
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the nuclear factor of activated T cells (NFAT) family. The product of this gene is a DNA-binding protein with a REL-homology region (RHR) and an NFAT-homology region (NHR). This protein is present in the cytosol and only translocates to the nucleus upon T cell receptor (TCR) stimulation, where it becomes a member of the nuclear factors of activated T cells transcription complex. This complex plays a central role in inducing gene transcription during the immune response. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	NFAT pre-existing subunit NFAT transcription complex, preexisting component OTTHUMP0000031291 T cell transcription factor NFAT1 nuclear factor of activated T-cells, cytoplasmic 2 nuclear factor of activated T-cells, preexisting component preexisting nucl

Pathway

- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [T cell receptor signaling pathway](#)
- [VEGF signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)

- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)