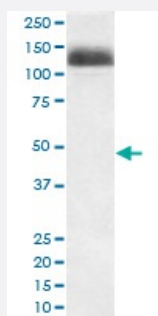


NFATC2 monoclonal antibody, clone AAFG-14

Catalog # MAB20238 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Ramos cell lysate with NFATC2 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NFATC2.
Immunogen	A synthetic peptide corresponding to human NFATC2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of Ramos cell lysate with NFATC2 monoclonal antibody.

Gene Info — NFATC2

Entrez GeneID [4773](#)

Protein Accession# [Q13469](#)

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](#)