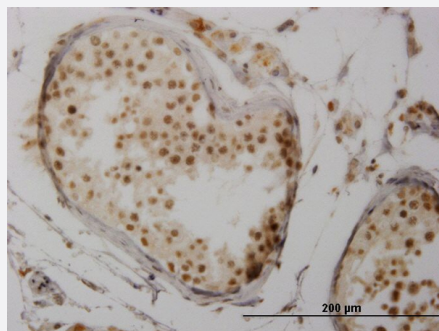


NFATC3 monoclonal antibody (M02), clone 3A12

Catalog # H00004775-M02

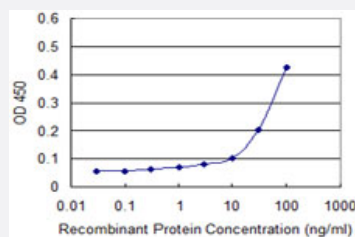
Size 100 ug

Applications



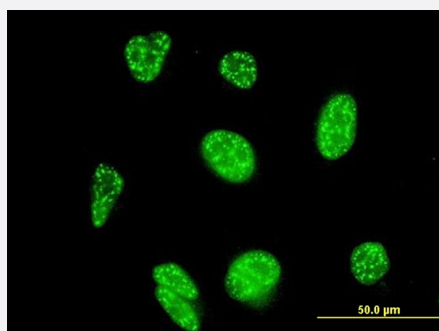
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to NFATC3 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFATC3 is approximately 10ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NFATC3 on HeLa cell . [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant NFATC3.

Immunogen	NFATC3 (NP_775188, 70 a.a. ~ 149 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HSSVLSPSFQLQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQITSISPNCHQELDAHEDDLQINDP EREFLERPSRDHL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (86)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to NFATC3 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NFATC3 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NFATC3 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — NFATC3

Entrez GeneID [4775](#)

GeneBank Accession# [NM_173165](#)

Protein Accession#	NP_775188
Gene Name	NFATC3
Gene Alias	NFAT4, NFATX
Gene Description	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3
Omim ID	602698
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a member of the nuclear factors 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. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes. Four transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	T cell transcription factor NFAT4 nuclear factor of activated T-cells c3 isoform IE-Xa nuclear factor of activated T-cells, cytoplasmic 3

Pathway

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)