

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NFATC1

Numéro de catalogue: 66963-1-Ig **25 Publications**



## Informations de base

<b>Numéro de catalogue:</b> 66963-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC104753	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul, Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 4772	<b>CloneNo.:</b> 1E1B10
<b>Hôte:</b> Mouse	<b>Nom complet:</b> nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	<b>Dilutions recommandées:</b> WB 1:2000-1:10000 IHC 1:150-1:600
<b>Isotype:</b> IgG1	<b>MW calculé</b> 716aa, 78 kDa; 943aa, 101 kDa	
<b>Immunogen Catalog Number:</b> AG13014	<b>MW observés:</b> 101 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Demandes citées:

IF, IHC, WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules Jurkat, cellules Daudi, cellules Raji, cellules Romas

IHC : tissu de carcinome urothélial humain, tissu de lymphome humain

## Informations générales

NFATc1(nuclear factor-activated T cells c1) is one of the transcription factors family consisting 5 members which were considered as a regulator of T-cell activation. In immune cell, NFATc1 is located in the cytoplasm in a hyperphosphorylated state and translocates into the nucleus upon cell stimulation via dephosphorylation(PMID:28327458). One paper observed that ectopic expression and nuclear accumulation of NFATc1 in more than 60% of human pancreatic cancers (PMID:25623042). Several alternative splicing transcript variants encoding different isoforms have been identified for this gene. And different isoforms of this protein may regulate different cytokine gene expression. NFATc1 is a main transcriptional activator for cytokine genes in activated lymphoid cells. Also some studies demonstrated that NFATc1 plays the role of a master transcription regulator of osteoclast differentiation (PMID:25489571).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Huanhuan Xu	35558992	RSC Adv	WB
Beimin Tian	36064833	Int J Oral Sci	IF
Shuo Ni	32871020	Cell Prolif	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

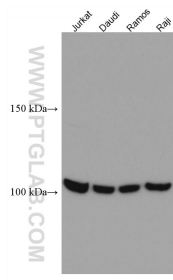
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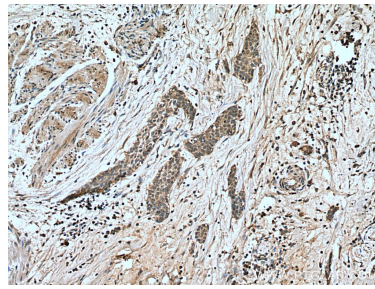
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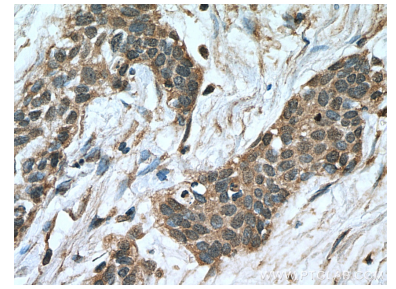
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66963-1-Ig (NFATC1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 66963-1-Ig (NFATC1 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human urothelial carcinoma tissue slide using 66963-1-Ig (NFATC1 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).