

À des fins de recherche uniquement

Anticorps Monoclonal anti-NFATC1

Numéro de catalogue: CL594-66963



Informations de base

Numéro de catalogue: CL594-66963	Numéro d'acquisition GenBank: BC104753	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4772	CloneNo.: 1E1B10
Hôte: Mouse	Nom complet: nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent	Excitation/Emission maxima wavelengths: 1 588 nm / 604 nm
Isotype: IgG1	MW calculé 716aa, 78 kDa; 943aa, 101 kDa	
Immunogen Catalog Number: AG13014	MW observés: 101 kDa	

Applications

Applications testées:
FC (Intra)
Spécificité de l'espèce:
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).

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ HEK-293 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human NFATC1 (CL594-66963, Clone:1E1B10) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).