

À des fins de recherche uniquement

Anticorps Monoclonal anti-NFATC2

Numéro de catalogue: CL594-66917



Informations de base

Numéro de catalogue: CL594-66917	Numéro d'acquisition GenBank: BC136418	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4773	CloneNo.: 1F3B2
Hôte: Mouse	Nom complet: nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG1	MW calculé 925 aa, 100 kDa	
Immunogen Catalog Number: AG17990	MW observés: 135-140 kDa	

Applications

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

Informations générales

Nuclear factor of activated T-cells, cytoplasmic 2 (NFATC2), also named NFAT1, or NFATP, is a 925 amino acid protein, which is expressed in thymus, spleen, heart, testis, brain, placenta, muscle and pancreas. Cytoplasmic for the phosphorylated form and nuclear after activation that is controlled by calcineurin-mediated dephosphorylation. Rapid nuclear exit of NFATC is thought to be one mechanism by which cells distinguish between sustained and transient calcium signals. The subcellular localization of NFATC plays a key role in the regulation of gene transcription. NFATC2 plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2, IL-3, IL-4, TNF-alpha or GM-CSF. NFATC2 promotes invasive migration through the activation of GPC6 expression and WNT5A signaling pathway. The calculated molecular weight of NFATC2 is about 97-100 kDa, but the modified NFATC2 protein is about 135 kDa.

Stockage

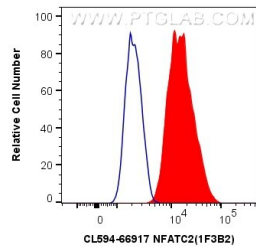
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Données de validation sélectionnées



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human NFATC2 (CL594-66917, Clone:1F3B2) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).