

Nur für Forschungszwecke

NFATC2 Polyklonaler Antikörper

Katalog-Nr.: CL594-22023

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-22023	GenBank-Zugangsnummer: BC136418	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul, Konzentration: 1000 µg/ml von4773	GeneID (NCBI): 4773	Empfohlene Verdünnungen: IF 1:50-1:500
Nanodrop:	Vollständiger Name: nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Wirt: Kaninchen	Berechnete Masse: 925 aa, 100 kDa	
Isotyp: IgG	Beobachtete Masse: 135 kDa	
Immunogen Katalognummer: AG16849		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : U-251-Zellen,
Getestete Reaktivität: Human, Maus	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

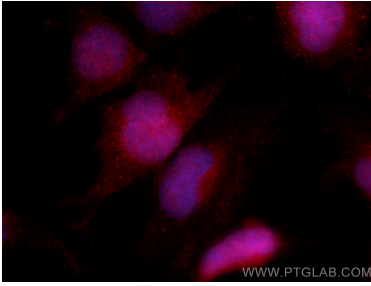
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

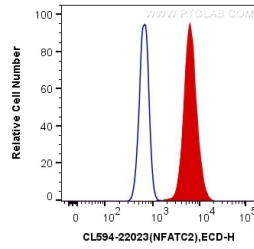
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using CoraLite®594 NFATC2 antibody (CL594-22023) at dilution of 1:200.



1×10^6 Ramos cells were intracellularly stained with 0.4 μ g CoraLite®594 Anti-Human NFATC2 (CL594-22023) (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).