

Nur für Forschungszwecke

NFATC1 Monoklonaler Antikörper

Katalog-Nr.: 66963-1-Ig **23 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66963-1-Ig	GenBank-Zugangsnummer: BC104753	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 2100 µg/ml von 4772 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 4772	CloneNo.: 1E1B10
Wirt: Maus	Vollständiger Name: nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:150-1:600
Isotyp: IgG1	Berechnete Masse: 716aa, 78 kDa; 943aa, 101 kDa	
Immunogen Katalognummer: AG13014	Beobachtete Masse: 101 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB: Jurkat-Zellen, Daudi-Zellen, Raji-Zellen
In Publikationen genannte Anwendungen: IF, IHC, WB	IHC: humanes Urothelkarzinomgewebe, humanes Lymphomgewebe
Getestete Reaktivität: Human	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

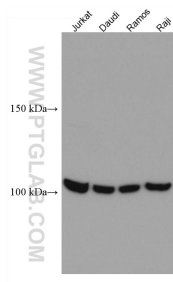
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

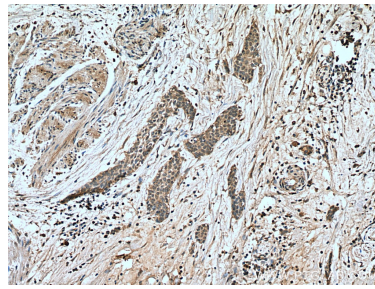
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

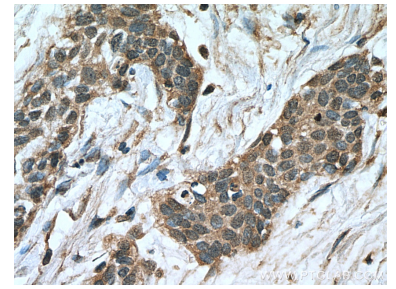
Ausgewählte Validierungsdaten



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).