

Nur für Forschungszwecke

IL-18 Polyklonaler Antikörper

Katalog-Nr.: 10663-1-AP

Vorgestelltes Produkt

151 Publikationen



Allgemeine Informationen

Katalog-Nr.: 10663-1-AP	GenBank-Zugangsnummer: BC007461	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 900 µg/ml von Nanodrop;	GeneID (NCBI): 3606	Empfohlene Verdünnungen: WB 1:2000-1:16000 IP 0.5-4.0 µg für IP und 1:1000-1:6000 für WB IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: IL-18	
Isotyp: IgG	Berechnete Masse: 193 aa, 22 kDa	
Immunogen Katalognummer: AG1063	Beobachtete Masse: 22 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IHC, IP, WB, ELISA	Positivkontrollen: WB: A431-Zellen, DU 145-Zellen, HaCaT-Zellen, HeLa-Zellen, NIH/3T3-Zellen IP: HeLa-Zellen, IHC: humanes Tonsillitisgewebe,
In Publikationen genannte Anwendungen: FC, IF, IHC, IP, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus, Ratte	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

IL18, is a proinflammatory cytokine involved in the development of Th1 cells and in immune response. It can stimulate the NK cells and certain T cells to release IFN gamma which plays an important role in activating the macrophages or other cells. IL18 has been demonstrated to have the potential to enhance Fas ligand-mediated cytotoxicity, which is increased in PE and regulates placental apoptosis. IL18 is synthesized as a 22 kDa precursor and then cleaved into a biologically activate 18 kDa form. This antibody 10663-1-AP is raised against the full length IL18 precursor, and it recognizes both the pre-IL18 and mature IL18 theoretically.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
JiangFan Yu	36248980	Front Oncol	WB
Zhifang Li	34559953	CNS Neurosci Ther	WB
Deepavali Chakravarti	32958778	Nat Commun	WB

Lagerung

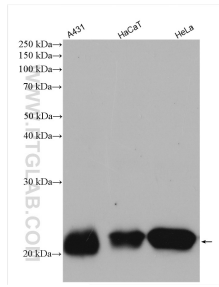
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

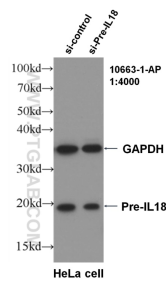
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

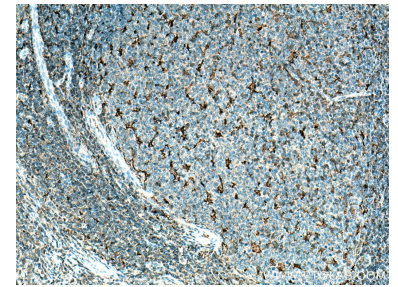
Ausgewählte Validierungsdaten



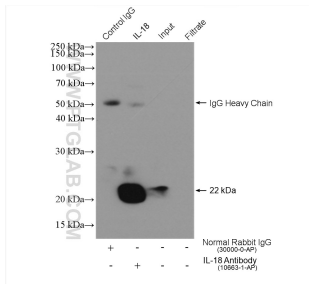
Various lysates were subjected to SDS PAGE followed by western blot with 10663-1-AP (IL-18 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



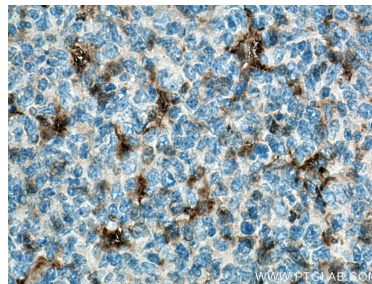
WB result of Pre-IL18 antibody (10663-1-AP, 1:4000) with si-Control and si-Pre-IL18 transfected HeLa cells..



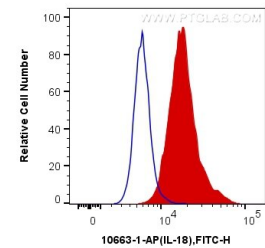
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10663-1-AP (IL18 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



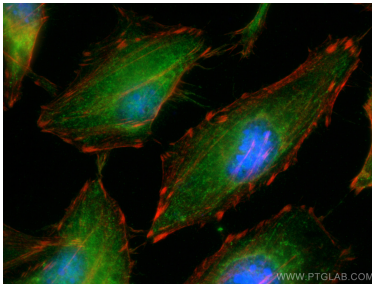
IP result of anti-IL-18(IP:10663-1-AP, 4ug; Detection:10663-1-AP 1:3000) with HeLa cells lysate 1720 ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10663-1-AP (IL18 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 HeLa cells were intracellularly stained with 0.2 ug Anti-Human IL-18 (10663-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using IL-18 antibody (10663-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).