

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IL-18



Numéro de catalogue: 10663-1-AP

Phare

172 Publications

Informations de base

Numéro de catalogue:
10663-1-AP

Taille:
150ul, Concentration: 900 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1063

Numéro d'acquisition GenBank:
BC007461

Identification du gène (NCBI):
3606

Nom complet:
IL-18

MW calculé:
193 aa, 22 kDa

MW observés:
22 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:2000-1:16000
IP 0.5-4.0 ug for IP and 1:1000-1:6000
for WB
IHC 1:50-1:500

Applications

Applications testées:
FC, IHC, IP, WB, ELISA

Demandes citées:
FC, IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A431, cellules DU 145, cellules HaCaT, cellules HeLa, cellules NIH/3T3

IP : cellules HeLa,

IHC : tissu d'amygdalite humain,

Informations générales

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.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

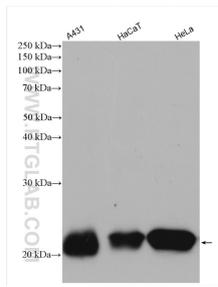
For technical support and original validation data for this product please contact:

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

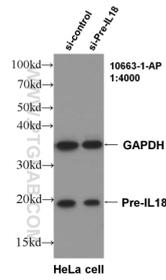
E: proteintech@ptglab.com
W: ptglab.com

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

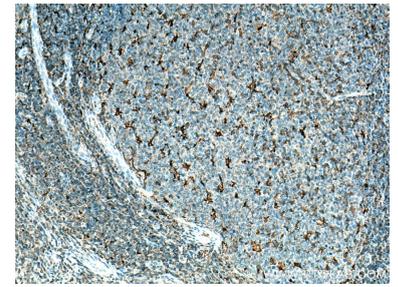
Données de validation sélectionnées



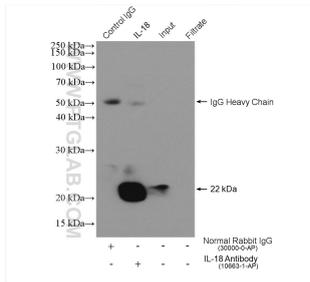
Various lysates were subjected to SDS PAGE followed by western blot with 10663-1-AP (IL-18 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



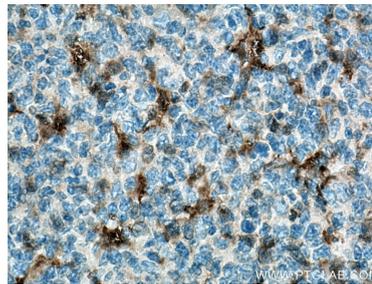
WB result of Pre-IL18 antibody (10663-1-AP, 1:4000) with si-Control and si-Pre-IL18 transfected HeLa cells..



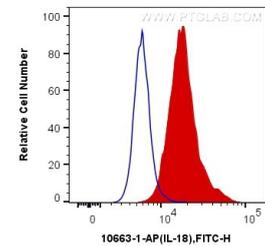
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 10663-1-AP (IL18 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



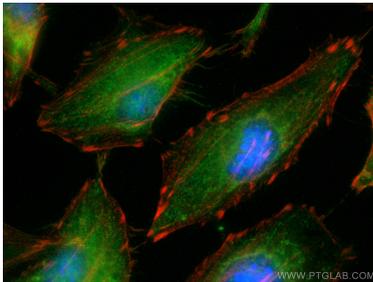
IP result of anti-IL-18(IP:10663-1-AP, 4ug; Detection:10663-1-AP 1:3000) with HeLa cells lysate 1720 ug.



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).