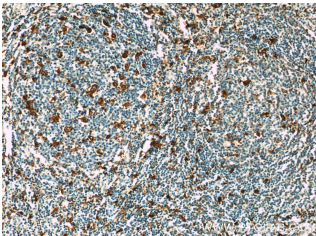
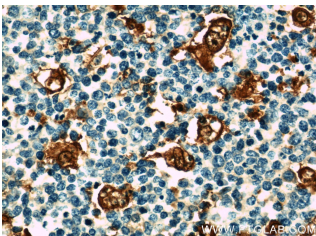


Pre-IL18 Polyclonal Antibody

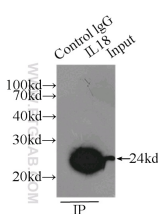
Catalog number: 10663-1-AP
Size: 42 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
IL18; Iboctadekin, IFN gamma inducing factor, IGIF, IL 1 gamma, IL 18, IL 1g, IL18, IL1F4, Interleukin 1 gamma, Interleukin 18, Mature IL18, pre IL18



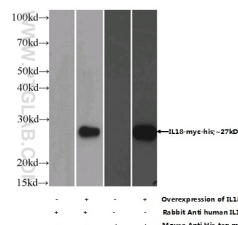
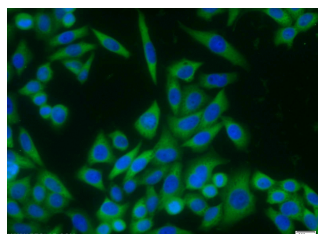
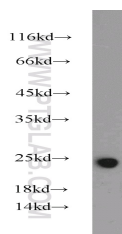
Immunohistochemical of paraffin-embedded human tonsillitis using 10663-1-AP (Pre-IL18 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human tonsillitis using 10663-1-AP (Pre-IL18 antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-Pre-IL18 (IP:10663-1-AP, 3µg; Detection:10663-1-AP 1:1000) with HeLa cells lysate 5000µg.



Overexpression of IL18-myc-his
Rabbit Anti-human IL18 polyclonal antibody
Mouse Anti-His-tag monoclonal antibody

Background

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 interferon 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 24 kDa precursor and then cleaved into a biologically active 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.

Applications

Tested applications:	ELISA, WB, IP, IHC, IF
Cited applications:	IHC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human, mouse
Calculated Pre-IL18 MW:	193aa, 22 kDa
Observed Pre-IL18 MW:	18-24 kDa
Positive WB detected in	HeLa cells, Transfected HEK-293 cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human tonsillitis tissue, human colon cancer tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1063
GenBank accession number:	BC007461
Gene ID (NCBI):	3606
Full name:	Interleukin 18 (interferon-gamma-inducing factor)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

HeLa cells were subjected to SDS PAGE followed by western blot with 10663-1-AP(Pre-IL18 antibody) at dilution of 1:1000

Immunofluorescent analysis of HeLa cells using 10663-1-AP(Pre-IL18 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 10663-1-AP(Pre-IL18 Antibody) at dilution of 1:1000