



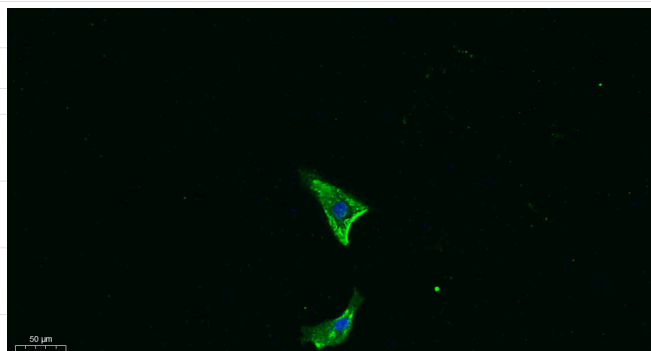
IL18 Polyclonal Antibody

Catalog No	YP-Ab-06791
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB IF;ELISA
Gene Name	IL18 IGIF IL1F4
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	IL18 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 IF 1:100-300 ELISA 1:5000-20000 Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IL18;Pre-IL18;Ibctadekin;IFN-gamma-inducing factor;IL 1 gamma;IL18 IGIF IL1F4;Interleukin-18 (IL-18) (Ibctadekin) (Interferon gamma-inducing factor) (IFN-gamma-inducing factor) (Interleukin-1 gamma) (IL-1 gamma)
Observed Band	21kD
Calculated Molecular Weight	21kD
Cell Pathway	Cytoplasm . Secreted . The precursor is cytosolic (PubMed:33883744). In response to inflammasome-activating signals, cleaved and secreted (PubMed:33883744). Mature form is secreted and released in the extracellular milieu by passing through the gasdermin-D (GSDMD) pore (PubMed:33883744). In contrast, the precursor form is not released, due to the presence of an acidic region that is proteolytically removed by CASP1 during maturation (PubMed:33883744). The secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10 (PubMed:32272059). .
Tissue Specificity	Liver,Peripheral blood,Urinary bladder,
Function	function:Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells.,online information:Interleukin-1 entry,similarity:Belongs to the IL-1 family.,

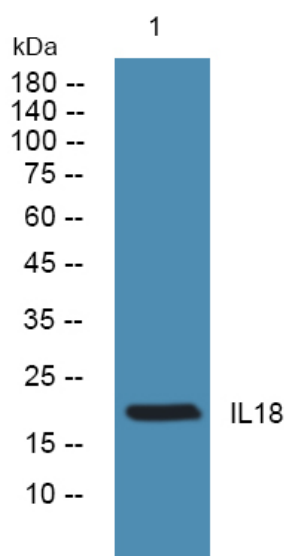
Background	The protein encoded by this gene is a proinflammatory cytokine that augments natural killer cell activity in spleen cells, and stimulates interferon gamma production in T-helper type I cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



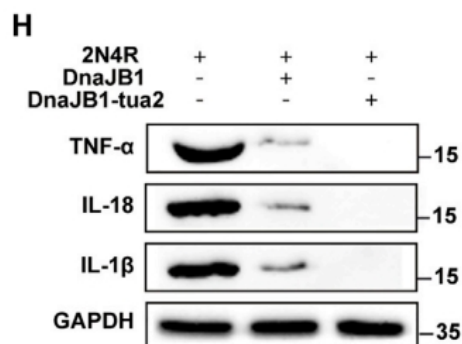
Products Images



Immunofluorescence analysis of A549. 1, primary Antibody was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min.



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°C over night



A novel gene therapy for methamphetamine- induced cognitive disorder with a hyper-acidified fusion variant of DnaJB1 Molecular Therapy-Nucleic Acids
Mengru Zhang, Cheng Chen, Qingyan Peng, Xiaocong Wu, Ruiyi Zhou, Yuru Ma, Zhurong Zou — WB Mouse hippocampus BV2 cell