

IL-18 Rabbit pAb

Catalog # AP99130

Product Information

Application	IHC-P, IHC-F, IF
Reactivity	Rat
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22 KDa
Physical State	Liquid
Immunogen	Recombinant rat IL-18 protein
Epitope Specificity	1-194/194
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the IL-1 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	IL18 (IFN-gamma-inducing factor, IGIF) is a novel pro-inflammatory cytokine that augments natural killer (NK) activity in spleen cells. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.

Additional Information

Other Names	IGIF; IL-18; IL-1g; IL1F4; IL18_HUMAN; IL18; Ibctadekin; Interferon gamma-inducing factor (IFN-gamma-inducing factor); Interleukin-1 gamma (IL-1 gamma); IL18_MOUSE; interleukin 18; interleukin 18 (interferon-gamma-inducing factor); interferon-gamma-inducing factor
Dilution	IHC-P=1:100-500,IHC-F=1:400-800,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	IL-18 Rabbit pAb
Function	Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.