

For Research Use Only

IL-18 Recombinant antibody

Catalog Number: 82907-1-RR



Basic Information

Catalog Number: 82907-1-RR	GenBank Accession Number: BC007461	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 3606	CloneNo.: 1H14
Source: Rabbit	UNIPROT ID: Q14116	Recommended Dilutions: WB 1:2000-1:10000 IF 1:125-1:500
Isotype: IgG	Full Name: IL-18	
Immunogen Catalog Number: AG1063	Calculated MW: 193 aa, 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : A549 cells, U2OS cells, HeLa cells IF : HeLa cells,
Species Specificity: Human	

Background Information

IL-18 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. IL-18 has been demonstrated to have the potential to enhance Fas ligand-mediated cytotoxicity, which is increased in PE and regulates placental apoptosis. IL-18 is synthesized as a 22 kDa precursor and then cleaved into a biologically active 18 kDa form.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

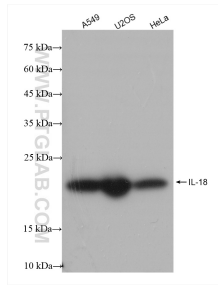
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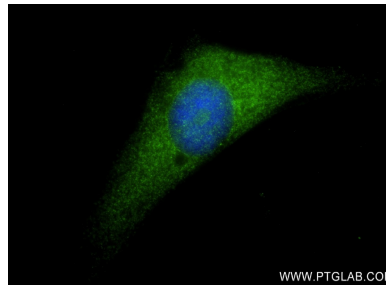
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82907-1-RR (IL-18 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using IL-18 antibody (82907-1-RR, Clone: 1H14) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).