

## Human IL-18 Polyclonal Antibody

<b>CATALOG #:</b>	5179R-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>IMMUNOGEN:</b>	<i>E. coli</i> expressed recombinant human IL-18
<b>INTERNAL ID#:</b>	BV-H83G
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human

### FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-human IL-18 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

### STORAGE CONDITIONS:

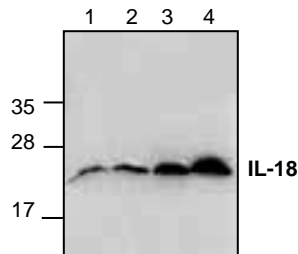
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Interleukin-18 (IL-18), an 18 kDa cytokine, is a single, non-glycosylated polypeptide chain containing 157 amino acids. IL-18 was previously known as interferon-g inducing factor (IGIF). This pleiotropic cytokine is produced by monocyte/macrophage cells. Like IL-12, IL-18 plays an important role in cell-mediated immune responses.

### APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human IL-18 (Cat.# 4179-25) can be used as a positive control.



### Cat.#: 5179R-100 IL-18 Antibody.

Western blot analysis of IL-18 using recombinant human IL-18.  
 Lane 1: 100ng  
 Lane 2: 200ng  
 Lane 3: 400ng  
 Lane 4: 500ng

### RELATED PRODUCTS:

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- Membrane Protein Extraction Kit
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**FOR RESEARCH USE ONLY! Not to be used on humans.**