

IL-18 Polyclonal Antibody

CATALOG #:	5180R-100
AMOUNT:	100 µg
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide of mouse IL-18
SPECIES REACTIVITY:	Mouse

FORMULATION:

100 µg affinity purified rabbit anti-mouse IL-18 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA, 0.05% sodium azide.

STORAGE CONDITIONS:

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

DESCRIPTION:

IL-18 (IFN-gamma-inducing factor, IGIF) is a novel proinflammatory cytokine that augments natural killer (NK) activity in spleen cells. It also has other biological properties such as activation of NF-κB, stimulation of Fas ligand expression, induction of CC and CXC chemokines. IL-18 increases production of competent HIV. IL-18 is related to the IL-1 family. One of the IL-18 receptor chains is the IL-1 receptor-related protein, a member of the IL-1R family. Like IL-1β, IL-18 is first synthesized as a leaderless precursor requiring the IL-1β converting enzyme (ICE) for cleavage into an active molecule. IL-18 may play a role in tissue injury in inflammatory reactions.

APPLICATION AND SPECIFICITY:

The antibody can be used for Western blot analysis (0.5-4 µg/ml), immunoprecipitation (2-5 µg/ml), and neutralization (2-5 µg/ml). However, the optimal conditions should be determined individually.

RELATED PRODUCTS:

IL-18 Antibody (Cat. No. 5179)
IL-18 Antibody (Cat. No. 5179R)
IL-18 (Human) ELISA Kit (Cat. No. K4227)
IL-18, Human Recombinant (Cat. No. 4179)
Anti-IL-18 Polyclonal Antibody (Cat. No. A2337)

FOR RESEARCH USE ONLY! Not to be used on humans.