

Product Information

Anti-Interleukin-18
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW22501**
Formerly listed as GenWay Catalog Number 15-288-22501,
Interleukin-18 Antibody.

Storage Temperature Store at -20°C

Synonyms: Interleukin 18 proprotein, IL-18; Interferon-
gamma-inducing factor; IFN-gamma-inducing factor; Inter-
leukin-1 gamma; IL-1 gamma; Iboctadekin

Product Description

Function: Augments natural killer cell activity in spleen cells
and stimulates interferon gamma production in T-helper
type I cells.

Subcellular Location: Secreted protein.

Similarity: Belongs to the IL-1 family.

Summary: The protein encoded by this gene is a
proinflammatory cytokine. 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. IL-18 binding protein (IL18BP) can specifically
interact with this cytokine. and thus negatively regulate its
biological activity.

NCBI Accession number: NP_001553.1

Swiss Prot Accession number: Q14116

Gene Information: Human .. IL18 (3606)

Immunogen: Recombinant protein Interleukin 18 propro-
tein

Immunogen Sequence: GI # 4504653, sequence 20 - 155

The product is a clear, colorless solution in phosphate
buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human

Tested Applications: ELISA, WB

Recommended Dilutions: Recommended starting dilution
for Western blot analysis is 1:500, for tissue or cell staining
1:200.

Note: Optimal concentrations and conditions for each
application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or
other uses. Due to the sodium azide content a material
safety data sheet (MSDS) for this product has been sent to
the attention of the safety officer of your institution. Please
consult the Material Safety Data Sheet for information
regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at $2-8^{\circ}\text{C}$ for up to one week. For
extended storage, store in -20°C freezer in working
aliquots. Repeated freezing and thawing, or storage in
"frostfree" freezers, is not recommended. If slight turbidity
occurs upon prolonged storage, clarify the solution by
centrifugation before use. Working dilution samples should
be discarded if not used within 12 hours.

LPG,MAM12/09-1

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