

Product Information

Anti-Interleukin-17a antibody produced in chicken, affinity isolated antibody

Catalog Number **GW22500**

Formerly listed as GenWay Catalog Number 15-288-22500, Interleukin-17A Antibody.

Storage Temperature -20 °C

Synonyms: Interleukin 17A, IL-17A; IL-17; Cytotoxic T lymphocyte-associated antigen 8; CTLA-8

Product Description

Interleukin-17a induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.

The protein encoded by this gene is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF- κ B and mitogen-activated protein kinases. This cytokine can stimulate the expression of IL6 and cyclooxygenase-2 (PTGS2/COX-2), as well as enhance the production of nitric oxide (NO). High levels of this cytokine are associated with several chronic inflammatory diseases including rheumatoid arthritis, psoriasis, and multiple sclerosis.

NCBI Accession number: NP_002181.1

Swiss Prot Accession number: Q16552

Gene Information: Human .. IL17A (3605)

Immunogen: Recombinant protein Interleukin 17A

Immunogen Sequence: Gi # 4504651,
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 °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.

KAA,LPG,MAM 02/10-1

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