

Product Information

Anti-Tumor Necrosis Factor- α
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW10844F**

Formerly listed as GenWay Catalog Number 15-288-10844F,
Tumor necrosis factor Antibody.

Storage Temperature Store at -20°C

Synonyms: TNF-alpha analog, TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a; Cachectin

Product Description

Cytokine that binds to TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. It is mainly secreted by macrophages and can induce cell death of certain tumor cell lines. It is potent pyrogen causing fever by direct action or by stimulation of interleukin 1 secretion and is implicated in the induction of cachexia. Under certain conditions it can stimulate cell proliferation and induce cell differentiation.

NCBI Accession number: CAD20726.1

Swiss Prot Accession number: P01375

Gene Information: Human .. TNF (7124)

Immunogen: Recombinant protein TNF-alpha analog

Immunogen Sequence: GI # 18152208, sequence 1 - 158

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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