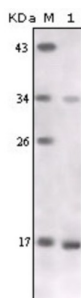


Tumor Necrosis Factor (TNF) Antibody

Catalogue No.: abx012258



Western blot analysis using TNF-alpha antibody against TNF-alpha recombinant protein.

Tumor Necrosis Factor (Tumor Necrosis Factor) is an important cytokine produced by numerous cell types including neutrophils, activated lymphocytes, macrophages and NK cells. It plays a critical role in inflammatory responses and in apoptosis. Tumor Necrosis Factor is believed to mediate pathogenic shock and tissue injury associated with endotoxemia. Tumor Necrosis Factor exists as a multimer of two, three, or five non covalently linked units, but shows a single 17 kDa band following SDS PAGE under non reducing conditions. Although it has little effect on many cultured normal human cells, Tumor Necrosis Factor appears to be directly toxic to vascular endothelial cells. Other actions of Tumor Necrosis Factor include stimulating growth of human fibroblasts and other cell lines, activating polymorphonuclear neutrophils and osteoclasts, and induction of interleukin 1, prostaglandin E2 and collagenase production. Tumor Necrosis Factor is currently being evaluated in treatment of certain cancers and AIDS Related Complex.

Target:	Tumor Necrosis Factor (TNF)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant Human TNF-alpha (BioSource company, Cat.No. PHC3013).
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 4.0.0
Revision date: 30 Apr 2025



UniProt Primary AC: P01375 ([UniProt](#), [ExPASy](#))

Gene Symbol: TNF

GeneID: [7124](#)

OMIM: [191160](#)

HGNC: 11892

KEGG: hsa:7124

Ensembl: ENSG00000232810

String: [9606.ENSP00000398698](#)

Molecular Weight: 17.4 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.