Mouse Anti-Human TNF Monoclonal Antibody [NBc22]

CABT-ZC1325  Mouse(TNF)
Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview
Mouse Monoclonal Antibody to Human TNF molecule

Antigen Description
Tumor necrosis factors (or the TNF family) refer to a group of cytokines which can cause cell death (apoptosis). The first two members of the family to be identified were: Tumor necrosis factor (TNF), formerly known as TNFα or TNF alpha, is the best-known member of this class. TNF is a monocyte-derived cytotoxin that has been implicated in tumor regression, septic shock, and cachexia. The protein is synthesized as a prohormone with an unusually long and atypical signal sequence, which is absent from the mature secreted cytokine. A short hydrophobic stretch of amino acids serves to anchor the prohormone in lipid bilayers. Both the mature protein and a partially processed form of the hormone can be secreted after cleavage of the propeptide. Lymphotoxin-alpha, formerly known as Tumor necrosis factor-beta (TNF-β), is a cytokine that is inhibited by interleukin 10.

Target
TNF

Immunogen
Purified recombinant protein of human TNF-A produced in E. coli.

Host
Mouse

Isotype
IgG1

Species
Human

Clone
NBc22

Applications
ELISA, LMNX

PACKAGING

Concentration
0.5~1.0 mg/ml (Lot Dependent)

Buffer
Stored in PBS (pH 7.4) with 0.05% sodium azide, 10mg/ml BSA, 50% glycerol.

Storage
Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH 7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

ANTIGEN GENE INFORMATION

Gene Name
TNF tumor necrosis factor [ Homo sapiens ]

Official Symbol
TNF

Synonyms
tumor necrosis factor (TNF superfamily, member 2); DIF; TNFA; TNFSF2; TNF-alpha; Cachectin; OTTHUMP00000037669; TNF-a; APC1 protein; TNF superfamily, member 2; TNF, macrophage-derived; TNF, monocyte-derived; Tumor necrosis factor ligand superfamily member

GeneID
7124

mRNA Refseq
NM_000594

Protein Refseq
NP_000585

MIM
191160

UniProt ID
P01375
**REFERENCES**