

Datasheet

TNF monoclonal antibody, clone CH8820

Catalog Number: MAB6323

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant TNF.

Clone Name: CH8820

Immunogen: Recombinant protein corresponding to human TNF.

Host: Mouse

Reactivity: Human

Applications: Cap Ab, IA, IHC-P, S-ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: This antibody recognizes both, recombinant and native human TNF.

Form: Lyophilized

Isotype: IgG1, kappa

Recommend Usage: Sandwich ELISA (Capture
Coating Dose: 1.0-2.0 ug/well)
Inhibition Assay (2-5 ng of rTNF-alpha per ug)
Immunohistochemistry (10 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from 10 mM PBS, pH 7.0

Storage Instruction: Store at -20°C.
Aliquot after reconstitution to avoid repeated freezing and thawing.

Entrez GeneID: 7124

Gene Symbol: TNF

Gene Alias: DIF, TNF-alpha, TNFA, TNFSF2

Gene Summary: This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR2. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine. [provided by RefSeq]