

## Datasheet

### TNF recombinant monoclonal antibody, clone CDP 571 (Humicade)

**Catalog Number:** RAB00060

**Regulatory Status:** For research use only (RUO)

**Product Description:** Recombinant human monoclonal antibody raised against human TNF.

**Clone Name:** CDP 571 (Humicade)

**Immunogen:** Original antibody is raised against native purified human TNF.

**Reactivity:** Human

**Applications:** 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

**Form:** Liquid

**Purification:** Protein A affinity purification

**Isotype:** IgG4, kappa

**Recommend Usage:** ELISA (0.1 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS, pH 7.2 (0.02% Proclin 300).

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.

Aliquot 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]