

## TNF

### Mouse Anti-Human TNF-alpha (Clone T1) mAb

**Catalog No.** MON9068 **Quantity:** 100 µg

**Alternate Names:** Tumor necrosis factor, Cachetin, TNF-a

**Description:** Tumor Necrosis Factor alpha (TNF-α) is a cytokine which has various immunomodulatory, antitumor and cytotoxic effects. TNF-α has been detected in various inflammatory status and appears to be a critical mediator in the lethality of septic shock. Furthermore, TNF-α has also been found in inflammatory foci such as synovial effusions in rheumatoid arthritis, systemic circulation in septic shock, parasitemia and rejection of renal transplants.

**UniProt ID:** P01375

**Gene ID:** 7124

**Concentration:** 0.1 mg/ml

**Specificity:** Reacts with free soluble (17 kDa) and membrane (26 kDa) human TNF-α.

**Host:** Mouse

**Immunogen:** Recombinant human TNF-alpha

**Isotype:** IgG1

**Clone:** T1

**Formulation:** Sterile-filtered PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.  
**Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

**Applications:** Functional studies, Inhibition, ELISA, Immunoprecipitation, Flow cytometry, Western blotting.

**Application Notes:** The antibody inhibits the biological activity of both forms. It does not react with receptor bound TNF-α. It can be a useful tool to discriminate between the membrane form of TNF expressed on producer cells and the proteolytically cleaved, soluble TNF-α bound to its cognate cell membrane receptors (TNF-RI and TNF-RII). For this purpose we recommend to use this antibody in combination with the anti-TNF-α antibody MON9067, which recognizes soluble, membrane and receptor bound TNF-α.

**Storage & Stability:** Store at 2-8°C for up to one year.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

