

## TNF ALPHA (6H2) MOUSE MAB

**Cat.#:** N261287

**Product Name:** Anti-TNF alpha (6H2) Mouse Monoclonal Antibody

**Synonyms:** TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF- $\alpha$

**UNIPROT ID:** P01375

**Background:** 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/TNFR. 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.

**Immunogen:** Synthetic Peptide of TNF  $\alpha$

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 6H2-4C6-5B6

**MW:** Calculated MW: 26 kDa; Observed MW: 17,25 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human,Rat,Mouse

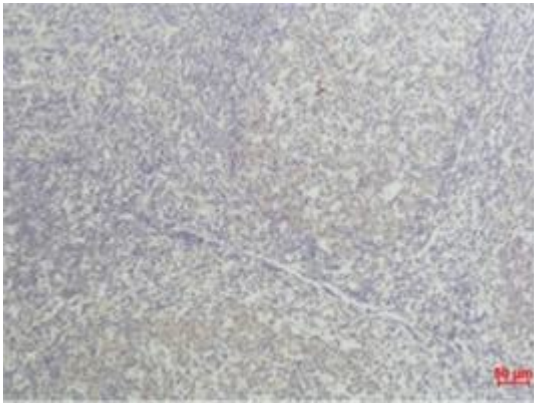
**Conjugation:** Unconjugated

**Modification:** Unmodified

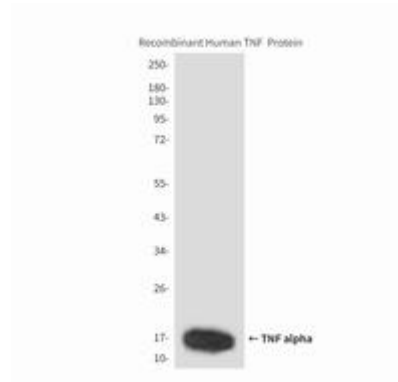
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Immunology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human Tonsil Tissue using TNF antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of TNF alpha in Recombinant Human TNF a Protein using TNF  $\alpha$  antibody.