



Mouse anti-Human TNF alpha monoclonal antibody

Product Code	CSB-MA074261A0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Recombinant Human TNF alpha protein
Raised In	mouse
Species Reactivity	Human
Tested Applications	WB,ELISA,IHC
Relevance	Tumor necrosis factor alpha (TNF- α), also known as cachectin and TNFSF1A, is the prototypic cytokine of the the TNF superfamily. It is a multifunctional molecule involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. TNF- α is produced mainly by macrophages, and large amounts of this cytokine are released in response to lipopolysaccharide, other bacterial products, and Interleukin-1 (IL-1). Two receptors mediating the TNF- α function have been identified, the ubiquitous TNF RI from which most signaling are derived, and the hematopoietic cell-restricted TNF RII. TNF- α has been implicated in the pathogenesis of a variety of human diseases including autoimmune diseases, insulin resistance, and cancer.
Form	liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Caprylic Acid Ammonium Sulfate Precipitation purified
Isotype	IgG2a
Clonality	monoclonal
Alias	TNF- α →Cachectin→Tumor necrosis factor ligand superfamily member 2
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)