

Anti-TNF alpha Mouse mAb

Purified Mouse Monoclonal Antibody

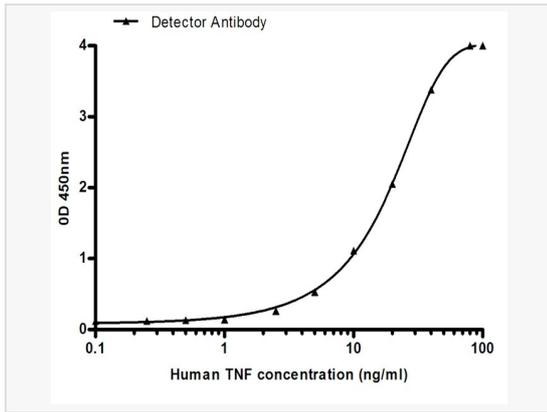
Catalog # M012581

Product Information

Application	ELISA
Reactivity	Human
Dilution	ELISA 1:10,000
Host	Mouse
Clonality	Monoclonal
Clone No.	32L36K83
Isotype	IgG1
Label	Unconjugated
Immunogen	A synthesized peptide derived from human TNF
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-TNF alpha antibody [32L36K83] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	TNF, TNFA, TNFSF2, Tumor necrosis factor, Cachectin, TNF-alpha, Tumor necrosis factor ligand superfamily member 2, TNF-a.
Uniprot ID	P01375
Gene ID	7124
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/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.



Standard Curve for TNFα: Capture Antibody TNF alpha mouse mAb [32L36K83] to TNF alpha at 4 μg/mL and Anti-TNF Human antibody for detecting.