

Product datasheet for **AM02248PU-S**

TNF alpha (TNF) Mouse Monoclonal Antibody [Clone ID: tnfa9.9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	tnfa9.9
Applications:	ELISA, R, WB
Recommended Dilution:	ELISA. RIA. Western blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Tumor Necrosis Factor alpha
Specificity:	This antibody detects Tumor Necrosis Factor alpha.
Formulation:	50 mM TRIS, pH 7,4 State: Purified State: Lyophilized purified IgG fraction Preservative: 0.02% Sodium Azide
Reconstitution Method:	Restore in aqua bidest to 1 mg/ml.
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C and reconstituted at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	tumor necrosis factor
Database Link:	Entrez Gene 7124 Human P01375



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Background:	Tumor Necrosis Factor (TNF) is a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. TNF is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR2. TNF is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. TNF 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.
Synonyms:	TNF, TNF-a, TNFA, TNFSF2, Cachectin
Note:	LocusID 7124