



TNF- α Mouse mAb

Swiss-Prot No.:	P01375
Altermname:	TNF-alpha
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	Recombinant Human TNF-alpha (BioSource company, Cat.No. PHC3013)
Purification:	Ascitic fluid
Reactivity:	Human
Other Names:	DIF; TNFA; TNFSF2; TNF-alpha
Background:	TNF-alpha (tumor necrosis factor alpha) is an important cytokine produced by numerous cell types including neutrophils, activated lymphocytes, macrophages and NK cells. It plays a critical role in inflammatory responses and in apoptosis. TNF-alpha is believed to mediate pathogenic shock and tissue injury associated with endotoxemia. TNF-alpha exists as a multimer of two, three, or five non covalently linked units, but shows a single 17 kDa band following SDS PAGE under non reducing conditions. Although it has little effect on many cultured normal human cells, TNF-alpha appears to be directly toxic to vascular endothelial cells. Other actions of TNF-alpha include stimulating growth of human fibroblasts and other cell lines, activating polymorphonuclear neutrophils and

	osteoclasts, and induction of interleukin 1, prostaglandin E2 and collagenase production. TNF-alpha is currently being evaluated in treatment of certain cancers and AIDS Related Complex.
Gene ID:	7124
Cellular localization:	Cell membrane, Membrane, Secreted
Source:	Mouse
Antibody type:	Monclonal antibody
Isotype:	Mouse IgG1
Preservative:	Ascitic fluid containing 0.03% sodium azide.
Recommended Dilutions:	WB: 1/500 - 1/2000; IHC: N/A; ICC: N/A; FCM: N/A; Elisa: 1/10000.
Clone Number:	2A9B9