

TNF-α rabbit pAb

Cat No.:ES3623

For research use only

Overview

Product Name	TNF-α rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300
	ELISA: 1/20000. IF 1:100-300 Not yet tested in other
	applications.
Immunogen	The antiserum was produced against synthesized
	peptide derived from human TNFA. AA
	range:141-190
Specificity	TNF-α Polyclonal Antibody detects endogenous
	levels of TNF-α protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Tumor necrosis factor (Cachectin) (TNF-alpha)
	(Tumor necrosis factor ligand superfamily member
	(TNF-a) [Cleaved into: Tumor necrosis factor,
	membrane form (N-terminal fragment) (NTF);
	Intracellular
Gene Name	TNF TNFA TNFSF2
Cellular localization	Cell membrane ; Single-pass type II membrane
	protein .; [Tumor necrosis factor, membrane form]:
	Membrane; Single-pass type II membrane protein.;
	[Tumor necrosis factor, soluble form]: Secreted .;
	[C-domain 1]: Secreted.; [C-domain 2]: Secreted.
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	16kD
Human Gene ID	7124
-	



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C



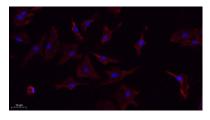
Human Swiss-Prot Number Alternative Names

Background

P01375

TNF; TNFA; TNFSF2; Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a 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/TNFBR. 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. [provided by RefSeq, Jul 2008],

Immunofluorescence analysis of A549. 1,primary Antibody(red) was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 594 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.





+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.G