

anti-Mouse TNF alpha Polyclonal Antibody | anti-TNF alpha antibody

Anti-TNF alpha Antibody

CATALOG # AAA46300	REACTIVITY Mouse	APPLICATIONS Western Blot
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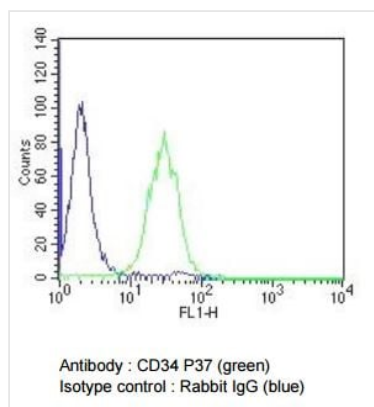
PRODUCT SYNONYMS

TNF alpha; Polyclonal Antibody; Anti-TNF alpha Antibody; Tumor necrosis factor; APC1; APC1 protein; Cachectin; DIF; Differentiation inducing factor; Macrophage cytotoxic factor; MCF; Necrosin; TNF a; TNF; TNF Macrophage Derived; TNF Monocyte Derived; TNF Superfamily Member 2; TNF superfamily; member 2; macrophage derived; monocyte derived; TNF-a; TNF-alpha; TNFA; TNFA_HUMAN; TNFSF2; Tumor necrosis factor alpha; Tumor necrosis factor ligand superfamily member 2; Tumor Necrosis Factor Precursor; Tumor Necrosis Factor; Membrane Form; soluble form; Tumour Necrosis Factor Alpha; tumor necrosis factor; anti-TNF alpha antibody

PRODUCT SPECIFICATIONS

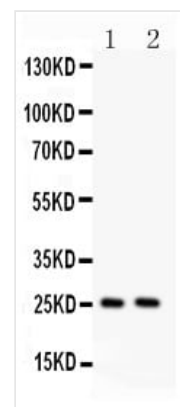
Reactivity	Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	219
Applicable Applications for anti-TNF alpha antibody	WB (Western Blot)
Immunogen	E Coli-derived mouse TNF alpha recombinant protein (Position: L80-Q227). Mouse TNF alpha shares 79% and 95% amino acid (aa) sequence identity with human and rat TNF alpha, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



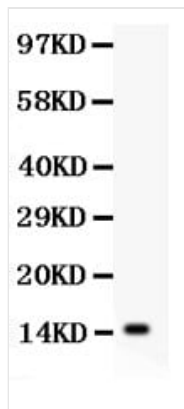
FCM/FACS (Flow Cytometry)

Applications: Flow CytometrySample: THP-1 CellsDetection: BD FACSCalibur"Under these experimental conditions...[TNF-alpha P28 anti-CD14] demonstrated positive staining of the THP-1 cells."



WB (Western Blot)

Anti- TNF alpha Picoband antibody, AAA46300, Western blottingAll lanes: Anti TNF alpha (AAA46300) at 0.5ug/mlLane 1: Mouse Kidney Tissue Lysate at 50ugLane 2: Mouse Intestine Tissue Lysate at 50ugPredicted bind size: 25KDObserved bind size: 25KD



WB (Western Blot)

Anti- TNF alpha Picoband antibody, AAA46300, Western blottingAll lanes: Anti TNF alpha (AAA46300) at 0.5ug/mlWB: Recombinant Mouse TNF alpha Protein 0.5ngPredicted bind size: 15KDObserved bind size: 15KD

ADDITIONAL INFORMATION

Related Product Information for anti-TNF alpha antibody	Description: Rabbit IgG polyclonal antibody for Tumor necrosis factor(TNF) detection. Tested with WB in Mouse. Background: TNFalpha(Tumor Necrosis Factor alpha) 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/TNFR. 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.
References	1. Shirai, T., Yamaguchi, H., Ito, H., Todd, C. W., Wallace, R. B.Cloning and expression in Escherichia coli of the gene for human tumour necrosis factor.Nature 313: 803-806, 1985. 2. Pennica, D., Nedwin, G. E., Hayflick, J. S., Seeburg, P. H., Derynck, R., Palladino, M. A., Kohr, W. J., Aggarwal, B. B., Goeddel, D. V.Human tumour necrosis factor: precursor structure, expression and homology to lymphotoxin.Nature 312: 724-729, 1984.

NCBI AND UNIPROT INFORMATION

NCBI GI #	518831589
NCBI GeneID	21926
NCBI Accession #	NP_001265530.1
NCBI GenBank Nucleotide #	NM_001278601.1
UniProt Accession #	P06804; O35853; Q62326; Q91VF3
Molecular Weight	25,896 Da
NCBI Official Full Name	tumor necrosis factor isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	Tnf
NCBI Official Synonym Symbols	DIF; Tnfa; TNF-a; TNFSF2; Tnlg1f; Tnfsf1a; TNFalpha; TNF-alpha
NCBI Protein Information	tumor necrosis factor
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	Tnf
UniProt Synonym Gene Names	Tnfa; Tnfsf2; TNF-a; NTF; ICD1; ICD2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tnf-alpha-antibody-western-blot-elisa/46300>