

Rabbit anti-Human TNF Polyclonal Antibody | anti-TNF antibody

TNF Antibody (C-term)

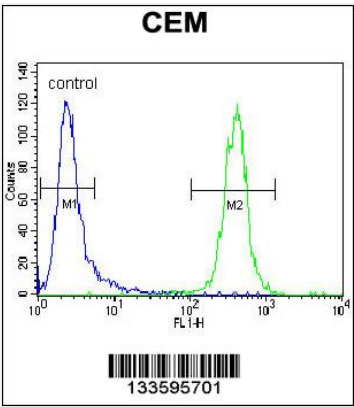
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285654	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

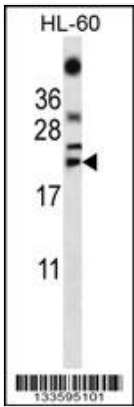
TNF; Polyclonal Antibody; TNF Antibody (C-term); Tumor necrosis factor; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a; membrane form; N-terminal fragment; NTF; Intracellular domain 1; ICD1; Intracellular domain 2; ICD2; C-domain 1; C-domain 2; soluble form; TNFA; TNFSF2; anti-TNF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TNF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 187-216 amino acids from the C-terminal region of human TNF.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	187-216
Sequence Length	233
Applicable Applications for anti-TNF antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
TNF Antibody (C-term) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
TNF Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the TNF antibody detected the TNF protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TNF antibody	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/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.
Product Categories/Family for anti-TNF antibody	Cancer; Cardiovascular; Immunology; Metabolism; Signal Transduction; Phospho Antibodies
References	Majewski, P.M., et al. J. Biol. Chem. 285(45):34828-34838(2010) Kwon, H.J., et al. J. Immunol. 185(7):3980-3989(2010) Muller, T., et al. Scand. J. Immunol. 72(4):365-371(2010) Qin, H., et al. J. Int. Med. Res. 38(3):760-768(2010) Acharyya, S., et al. PLoS ONE 5 (8), E12479 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952111
NCBI GeneID	7124
NCBI Accession #	NP_000585.2
NCBI GenBank Nucleotide #	NM_000594.3
UniProt Accession #	P01375; O43647; Q9P1Q2; Q9UIV3
Molecular Weight	25644
NCBI Official Full Name	tumor necrosis factor
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	DIF; TNFA; TNFSF2; 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
UniProt Entry Name	TNFA_HUMAN

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-antibody-flow-cytometry-western-blot-elisa/285654>