

Mouse Tumor Necrosis Factor-alpha Monoclonal Antibody | anti-TNF-a antibody

Mouse Anti Human Tumor Necrosis Factor-alpha

CATALOG # AAA37900	HOST Mouse	APPLICATIONS Immunoprecipitation, Western Blot, ELISA
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PRODUCT SYNONYMS

Tumor Necrosis Factor-alpha; Monoclonal Antibody; Mouse Anti Human Tumor Necrosis Factor-alpha; TNF a Antibody; Mouse-Anti Human; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF-a; Cachectin; DIF; TNFA; TNFSF2; anti-TNF-a antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NYRhTNFa-E2
Purity/Purification	ion exchange.
Concentration	1mg/ml in PBS (after reconstitution). (varies by lot)
Sequence Length	233
Applicable Applications for anti-TNF-a antibody	IP (Immunoprecipitation), WB (Western Blot), ELISA
Reconstitution	Reconstitute with sterile H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
Note	This antibody will bind very well to protein A in a buffer (PBS) containing high salt concentration (3M NaCl).
Immunogen	r.Human TNF-a.
Preparation and Storage	In lyophilized form, for long periods, store at 4 degree C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20 degree C. Antibody is shipped lyophilized at ambient temperature.

ADDITIONAL INFORMATION

Related Product Information for anti-TNF-a antibody	Introduction: Tumor necrosis factor is a cytokine involved in systemic inflammation and is a member of a group of cytokines that all stimulate the acute phase reaction. TNF is mainly secreted by macrophages. TNF causes apoptotic cell death, cellular proliferation, differentiation, inflammation, tumorigenesis and viral replication, TNF is also involved in lipid metabolism, and coagulation. TNF's primary role is in the regulation of immune cells. Dysregulation and, in particular, overproduction of TNF have been implicated in a variety of human diseases- autoimmune diseases, insulin resistance, and cancer.
Product Categories/Family for anti-TNF-a antibody	Anti-Human CYTOKINES ; Monoclonal Antibodies ; Anti Human Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952111
NCBI GeneID	7124
NCBI Accession #	NP_000585.2

NCBI GenBank Nucleotide #	NM_000594.3
Molecular Weight	25,644 Da
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; APC1 protein; TNF, macrophage-derived; TNF, monocyte-derived; TNF-a; cachectin; tumor necrosis factor ligand superfamily member 2; tumor necrosis factor-alpha
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://stage.aaabiotech.com/monoclonal/tumor-necrosis-factor-alpha-antibody-clone-nyrhtnfa-e2-immunoprecipitation-western-blot-elisa/37900>