

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

TNF-alpha Monoclonal Antibody (Q34)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320490	Mouse	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

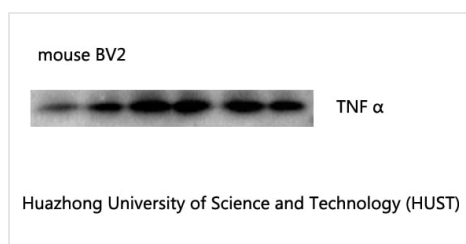
PRODUCT SYNONYMS

TNF-alpha; Monoclonal Antibody; TNF-alpha Monoclonal Antibody (Q34); Tumor necrosis factor (Cachectin)(TNF-alpha)(Tumor necrosis factor ligand superfamily member 2)(TNF-a)[Cleaved into: Tumor necrosis factor; membrane form (N-terminal fragment)(NTF); Intracellular domain 1 (ICD1); Intracellular domain 2 (ICD2); C-domain; C-domain 1; C-domain 2; Tumor necrosis factor; soluble form]; anti-TNF-alpha antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Clone Number	Q34
Specificity	The antibody detects endogenous TNF alpha protein
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TNF-alpha antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of TNF alpha
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

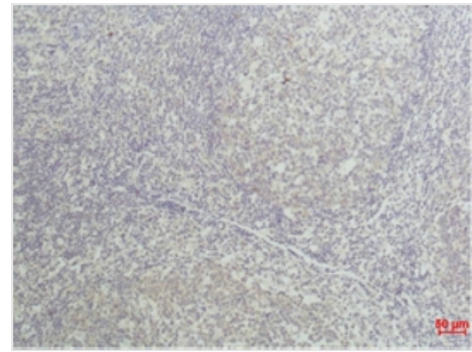
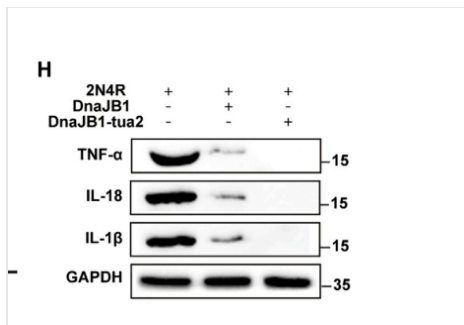


Application Data



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using TNF aMouse mAb diluted at 1:50



WB (Western Blot)

Western blot analysis of Recombinant Human TNF α Protein with TNF α Mouse mAb at 1:2,000.

Application Data

The picture was kindly provided by our customer

ADDITIONAL INFORMATION

Related Product Information for anti-TNF-alpha 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. [provided by RefSeq, Jul 2008]

Product Categories/Family for anti-TNF-alpha antibody

Primary Antibodies

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	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; TNF-a; cachectin; APC1 protein; TNF, monocyte-derived; TNF, macrophage-derived; tumor necrosis factor-alpha; tumor necrosis factor ligand superfamily member 2
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.