

Humanized anti-Human Adalimumab Monoclonal Antibody | anti-TNFalpha antibody

Adalimumab Biosimilar - Research Grade

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197045	Humanized	Human	Functional Assay

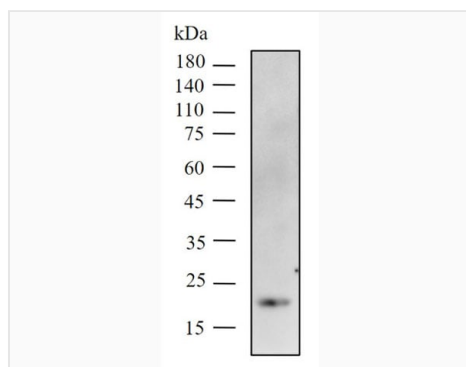
PRODUCT SYNONYMS

Adalimumab; Monoclonal Antibody; Adalimumab Biosimilar - Research Grade; Cachectin; TNFa; Tumor necrosis factor ligand superfamily member 2; Tnfsf2; anti-TNFalpha antibody

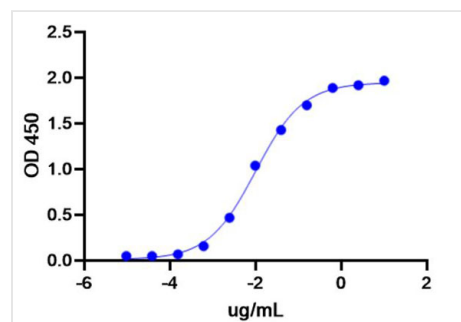
PRODUCT SPECIFICATIONS

Host	Humanized
Reactivity	Human
Clonality	Monoclonal
Isotype	Human IgG1 Kappa
Specificity	Detects human TNF alpha. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Adalimumab.
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Form/Format	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
Concentration	1.0-5.0mg/ml (varies by lot)
Applicable Applications for anti-TNFalpha antibody	FA (Functional Assay)
Endotoxin	<= 0.75 EU/mg as determined by the LAL method
Antigen Distribution	Activated monocytes, neutrophils, macrophages, T cells, B cells, NK cells, LAK cells
Preparation and Storage	Stable for at least one week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.

IMAGES



WB (Western Blot)



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-TNFA α antibody	Adalimumab biosimilar is a recombinant human IgG1 monoclonal antibody specific for human tumor necrosis factor (TNF),was created using phage display technology resulting in an antibody with human derived heavy and light chain variable regions and human IgG1:k constant regions. Adalimumab biosimilar is produced by recombinant DNA technology in a mammalian cell (Chinese Hamster Ovary) expression system and is purified by a process that includes specific viral inactivation and removal steps. It consists of 1330 amino acids and has a molecular weight of approximately 148 kilodaltons.
Product Categories/Family for anti-TNFA α antibody	Low endotoxin ; biosimilar antibody

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- α ; 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- α ; 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/adalimumab-antibody-functional-assay-elisa/197045>