

TNF alpha recombinant antibody

Anti-TNF alpha [CDP 571 (Humicade)]

CATALOG # AAA71954	REACTIVITY Human	APPLICATIONS Neutralization Assay, ELISA
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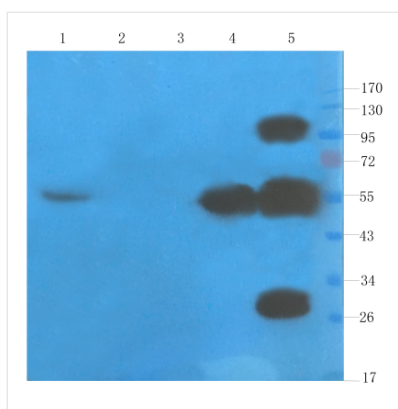
PRODUCT SYNONYMS

TNF alpha; Anti-TNF alpha [CDP 571 (Humicade)]; Tumour necrosis factor superfamily member 2; TNFSF2; TNFA; TNF alpha recombinant antibody

PRODUCT SPECIFICATIONS

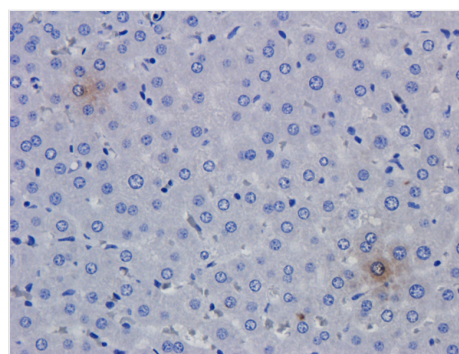
Reactivity	Human
Isotype	Human IgG4, kappa
Clone Number	CDP 571 (Humicade)
Specificity	The antibody binds to human TNF-alpha with a Kd of 0.087 nM.
Purity/Purification	Protein A Affinity Purified
Sequence Length	233
Applicable Applications for TNF alpha recombinant antibody	NTRL (Neutralization Assay), ELISA
Buffer Composition	PBS only with 0.02% Proclin 300.
Immunogen	Human TNF-alpha
Chimeric Use Statement	NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot using anti-TNFalpha antibody rat spinal cord (lane 2), mouse testis (lane 3), rat colon (lane 4) and human thyroid tumour (lane 5) samples were resolved on a 10% SDS PAGE gel and blots probed with however dimers and other higher order complexes are well described in the literature too (c.f. Petersen 1989, PMID: 2583226). successfully detected human and rat TNF alpha.



IHC (Immunohistochemistry)

Immunohistochemical analysis of rat liver using anti-TNFalpha antibody Formalin fixed rat liver slices were stained with a at 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for TNF alpha recombinant antibody	Recombinant monoclonal antibody to TNF alpha. Manufactured using a Recombinant Platform with variable regions (i.e. specificity) from the hybridoma CDP 571 (Humicade). NOT FOR THERAPEUTIC USE - This is a research-grade biosimilar.
Product Categories/Family for TNF alpha recombinant antibody	Immunology; Rheumatology; Biosimilar

NCBI AND UNIPROT INFORMATION

NCBI GI #	135934
NCBI GeneID	7124
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; TNLG1F; 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://stage.aaabiotech.com/human-recombinant-antibody/tnf-alpha/71954>