

anti-Human Certolizumab Monoclonal Antibody | anti-TNF antibody

Research Grade Certolizumab

CATALOG #
AAA119974

REACTIVITY
Human

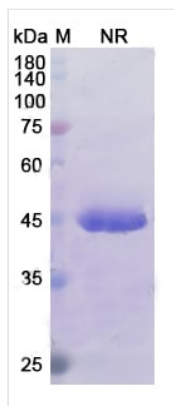
PRODUCT SYNONYMS

Certolizumab; Monoclonal Antibody; Research Grade Certolizumab; CDP870; PHA-738144; Certolizumab pegol; TNF; Tumor necrosis factor ligand superfamily member 2; N-terminal fragment; ICD2; NTF; TNF- α ; TNF-alpha; Tumor necrosis factor; TNFSF2; TNFA; Cachectin; ICD1; anti-TNF antibody

PRODUCT SPECIFICATIONS

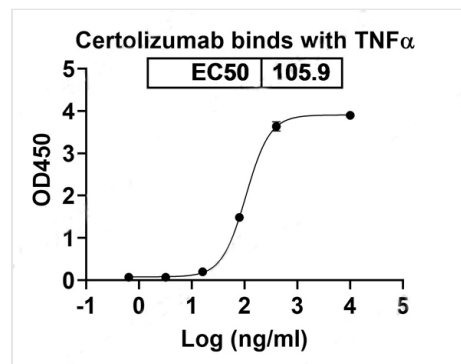
Reactivity	Human
Clonality	Monoclonal
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Humanized
CAS	428863-50-7
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

SDS PAGE for Certolizumab



Bioactivity

Detects Human TNF α /TNF-alpha in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TNF antibody

[Research Biosimilar](#)

References	[Certolizumab], PMID: 31208736 Certolizumab pegol for the treatment of chronic plaque psoriasis: Results through 48 weeks of a phase 3, multicenter, randomized, double-blind, etanercept- and placebo-controlled study (CIMPACT), PMID: 29660425 Certolizumab pegol for the treatment of psoriatic arthritis and plaque psoriasis, PMID: 31917928 Certolizumab pegol, PMID: 20190560 Adalimumab, etanercept, infliximab, certolizumab pegol, golimumab, tocilizumab and abatacept for the treatment of rheumatoid arthritis not previously treated with disease-modifying antirheumatic drugs and after the failure of conventional disease-modifying antirheumatic drugs only: systematic review and economic evaluation, PMID: 27140438
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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.