

Humanized anti-Human Evolocumab Monoclonal Antibody | anti-PCSK9 antibody

Evolocumab Biosimilar - Research Grade

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197050	Humanized	Human	Functional Assay

PRODUCT SYNONYMS

Evolocumab; Monoclonal Antibody; Evolocumab Biosimilar - Research Grade; Proprotein convertase subtilisin/kexin type 9; NARC-1; PC9; anti-PCSK9 antibody

PRODUCT SPECIFICATIONS

Host	Humanized
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2
Specificity	Detects human PCSK9. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Evolocumab.
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	Sterile preservative-free, clear or milky white, colorless to pale yellow solution, containing acetic acid, Polysorbate 80 and proline. pH of the buffer is 5.0 BSA and Azide free
Concentration	10.35 mg/ml (varies by lot)
Applicable Applications for anti-PCSK9 antibody	FA (Functional Assay)
Endotoxin	≤ 0.75 EU/mg as determined by the LAL method
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.

ADDITIONAL INFORMATION

Related Product Information for anti-PCSK9 antibody	Evolocumab biosimilar is a human monoclonal immunoglobulin G2 (IgG2) directed against human proprotein convertase subtilisin kexin 9 (PCSK9). Evolocumab biosimilar has an approximate molecular weight (MW) of 144 kDa and is produced in genetically engineered mammalian (Chinese hamster ovary) cells.
Product Categories/Family for anti-PCSK9 antibody	Low endotoxin ; biosimilar antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	31317307
NCBI GeneID	255738
NCBI Accession #	NP_777596.2
NCBI GenBank Nucleotide #	NM_174936.3
UniProt Accession #	Q8NBP7; Q5PSM5; Q5SZQ2; A8T640; C0JYY9

NCBI Official Full Name	proprotein convertase subtilisin/kexin type 9 preproprotein
NCBI Official Synonym Full Names	proprotein convertase subtilisin/kexin type 9
NCBI Official Symbol	PCSK9
NCBI Official Synonym Symbols	FH3; PC9; NARC1; LDLQC1; NARC-1; HCHOLA3
NCBI Protein Information	proprotein convertase subtilisin/kexin type 9; subtilisin/kexin-like protease PC9; neural apoptosis regulated convertase 1; convertase subtilisin/kexin type 9 preproprotein
UniProt Protein Name	Proprotein convertase subtilisin/kexin type 9
UniProt Gene Name	PCSK9
UniProt Synonym Gene Names	NARC1; NARC-1; PC9
UniProt Entry Name	PCSK9_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/evolocumab-antibody-functional-assay-elisa/197050>