

anti-Human Frovocimab Monoclonal Antibody | anti-PCSK9 antibody

Research Grade Frovocimab

CATALOG #
AAA120122

REACTIVITY
Human

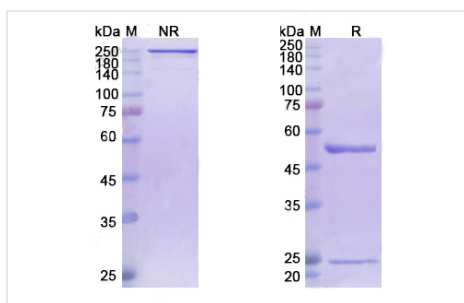
PRODUCT SYNONYMS

Frovocimab; Monoclonal Antibody; Research Grade Frovocimab; LY-3015014; Proprotein convertase subtilisin/kexin type 9; Subtilisin/kexin-like protease PC9; NARC-1; PC9; Proprotein convertase 9; Neural apoptosis-regulated convertase 1; NARC1; PCSK9; anti-PCSK9 antibody

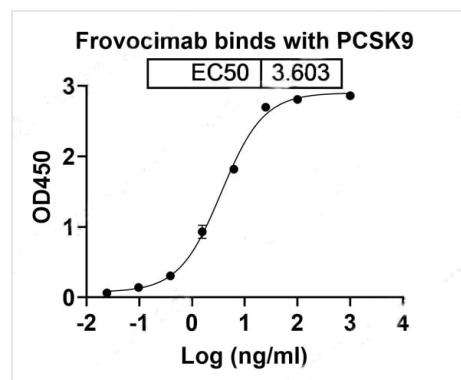
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
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	1643672-70-1
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 Frovocimab



Bioactivity
Detects Human PCSK9 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PCSK9 antibody

Research Biosimilar

References	Quantitative characterization of the mechanism of action and impact of a 'proteolysis-permitting' anti-PCSK9 antibody, PMID: 27981884 Proteolytic cleavage of antigen extends the durability of an anti-PCSK9 monoclonal antibody, PMID: 26392590 Safety and efficacy of LY3015014, a monoclonal antibody to proprotein convertase subtilisin/kexin type 9 (PCSK9): a randomized, placebo-controlled Phase 2 study, PMID: 26757788 Population Pharmacokinetics (PK) and Pharmacodynamics (PD) Analysis of LY3015014, a Monoclonal Antibody to Protein Convertase Subtilisin/Kexin Type 9 (PCSK9) in Healthy Subjects and Hypercholesterolemia Patients, PMID: 27822850
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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
Molecular Weight	74,286 Da
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; LDLCQ1; 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.