

anti-PCSK9 (Alirocumab)

Cat# A510011

Upon receipt, store at -80°C. Avoid repeated freeze.

INFORMATION

Product Name	anti-PCSK9 (Alirocumab)
Cat. No.	A510011
Size	1mg/5mg/20mg
Isotype	Human IgG1
Description	Alirocumab biosimilar is a human monoclonal antibody (IgG1 isotype) that targets proprotein convertase subtilisin kexin type 9 (PCSK9), is a PCSK9 inhibitor produced by recombinant DNA technology in Chinese Hamster Ovary cell suspension culture. Alirocumab biosimilar consists of two disulfide-linked human heavy chains, each covalently linked through a disulfide bond to a human kappa light chain. A single Nlinked glycosylation site is located in each heavy chain within the CH2 domain of the Fc constant region of the molecule. The variable domains of the heavy and light chains combine to form the PCSK9 binding site within the antibody. Alirocumab biosimilar has an approximate molecular weight of 146 kDa.
Species Reactivity	Human
Cas No	1245916-14-6
Host	CHO cells
Clonality	Monoclonal
Conjugate	Non-conjugated
Tested applications	Functional Assay
Molecular Weight	146 kDa
Purity	>95%; < 0.75 EU/mg as determined by the LAL method
Storage buffer	0.01 M phosphate buffered saline (PBS) pH 7.2
Storage instruction	This solution is stable for at least 4 weeks when stored at 2-8°C. For long term storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.

PRODUCT USE LIMITATION

These products are intended for research use only.