

Alirocumab

Catalog #	Source	Reactivity	Applications
CBA1020	Humanized	Human	Functional Assay
Description	Anti-PCSK9 [Alirocumab]		
Immunogen			
Purification	Affinity Chromatography		
Specificity			
Clonality	Monoclonal		
Conjugation			
Form	IgG1, liquid in 10 mmol/L PBS, pH 7.2		
Dilution			
Gene Symbol	PCSK9		
Alternative Names	NARC1; Proprotein convertase subtilisin/kexin type 9; Neural apoptosis-regulated convertase 1; NARC-1; Proprotein convertase 9; PC9; Subtilisin/kexin-like protease PC9		
Entrez Gene	255738		
SwissProt	Q8NBP7		
Directions for Use	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		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

chains combine to form the PCSK9 binding site within the antibody. Alirocumab biosimilar has an approximate molecular weight of 146 kDa.

Storage/Stability

Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.

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