

Evolocumab Biosimilar - Research Grade ICH4023

Product Information

Catalog Number:	ICH4023
Product:	Low endotoxin, biosimilar antibody
Target:	PCSK9
Isotype:	IgG2
Other names:	Proprotein convertase subtilisin/kexin type 9, NARC-1, PC9
Host:	Humanized
Species Reactivity:	Human
Specificity:	Detects human PCSK9. This non-therapeutic antibody uses the same sequence as the therapeutic antibody Evolocumab.
Purification method:	This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Concentration:	1.0 - 5.0 mg/ml
Formulation:	Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.
Purity:	>95% by SDS-PAGE and HPLC
Endotoxin:	≤ 0.75 EU/mg as determined by the LAL method
Storage:	Stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Background:

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.