

Catalog# BP- 50513

Evolocumab Biosimilar (Human PCSK9 Monoclonal Antibody)

Evolocumab (AMG 145) is a human monoclonal antibody that inhibits PCSK9. Evolocumab is used in the study of hypercholesterolemia and atherosclerotic cardiovascular disease. Evolocumab binds to circulating PCSK9 protein and inhibits its binding to LDLR. Evolocumab has antioxidant and cytoprotective activities against H₂O₂-induced oxidative damage to endothelial cells. Evolocumab may also negatively regulate activation of the TLR-4/NF- κ B signaling pathway to prevent inflammation.

Product Details	
CAS No.	1256937-27-5
Species Reactivity	Human
Source	Mammalian cells
Isotype	Human IgG2 lambda
Class	Monoclonal
Type	Antibody
Clone	Evolocumab Biosimilar
Conjugate	Unconjugated
Immunogen	Human PCSK9
Purity	>95%
Molecular Weight	141.8 kDa
Protein Concentration	1 mg/ml
Formulation	0.2 μ M filtered PBS solution, pH 7.4
Storage conditions	4°C for short time, -20°C or -80°C for long time.