



Human Anti-Human PCSK9 (Evolocumab) Monoclonal Antibody, clone Evolocumab [Biosimilar] (CABT-Z700H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects human PCSK9. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Evolocumab.
Immunogen	Human PCSK9.
Isotype	IgG2
Source/Host	Human
Species Reactivity	Human
Clone	Evolocumab
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level \leq 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction 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.

Keywords PCSK9; proprotein convertase subtilisin/kexin type 9; HCHOLA3, hypercholesterolemia, autosomal dominant 3; FH3; NARC 1; NARC1

GENE INFORMATION

Gene Name PCSK9

Entrez Gene ID [353175](#)

UniProt ID [Q8NBP7](#)