



Human Anti-Evolocumab monoclonal antibody, clone AbD40410ia (CABT-ZB1170)

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

PRODUCT INFORMATION

Specificity	Evolocumab
Target	Evolocumab
Immunogen	Evolocumab
Isotype	IgG1, λ
Source/Host	Human
Species Reactivity	N/A
Clone	AbD40410ia
Affinity Constant	The monovalent intrinsic affinity of AbD40410ia was measured as $K_D = 5$ nM by real time, label free molecular interaction analysis on immobilized evolocumab.
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Suitable for PK bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB1168 - CABT-ZB1170. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific

Size	100 µg
Buffer	PBS
Preservative	0.01% Thiomersal
Storage	Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.
Ship	Wet ice

BACKGROUND

Introduction	Evolocumab (Repatha) is a fully human IgG2 lambda antibody developed using transgenic mouse technology. It has been approved for treating selected patients with high cholesterol, and for the prevention of heart attack and stroke. The drug prevents the PCSK9 protein binding to the low density lipoprotein receptor (LDLR), thereby increasing the number of LDLRs available and lowering LDL levels.
Keywords	Evolocumab; Repatha