



Mouse Anti-Human APOD monoclonal antibody, clone E374 [Biotin] (CABT-L6561Z)

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

PRODUCT INFORMATION

Product Overview	This monoclonal antibody enables specific detection of human apoD in immunoassays such as ELISA.
Specificity	Human apolipoprotein D (apoD)
Target	Human apolipoprotein D
Immunogen	Recombinant human apoD
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	E374
Purification	Protein G purified
Conjugate	Biotin
Applications	WB, ELISA, ELISA(Det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L6560Z - CABT-L6561Z 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	250ug
Buffer	PBS with 0.02% sodium azide.
Preservative	0.02% sodium azide
Storage	Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/thawing
Ship	Wet ice

BACKGROUND

Introduction	Apolipoprotein D (apoD) is a lipocalin that binds lipids and steroid hormones. The apoD gene is expressed in many tissues, e.g. brain, testis, adrenal gland, kidney, placenta, spleen, lung, and pancreas. ApoD likely functions as a transporter of lipids or lipid hormones, and is involved in the interaction between HDL and LDL. ApoD gene polymorphisms are associated with obesity, hyperinsulinemia, and type 2 diabetes. Normal concentration of apoD in human plasma is approximately 0.05-0.15 g/L.
Keywords	Apolipoprotein D, apoD, apolipoproteinD, apo D