



Mouse Anti-Human APOM monoclonal antibody, clone N8 [Biotin] (CABT-L6568Z)

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 apoM in immunoassays such as ELISA and Western blot.
Specificity	Native and recombinant human apoM
Immunogen	Recombinant human apoM
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	N8
Purification	Protein G purified
Conjugate	Biotin
Applications	WB, ELISA, ELISA(Det) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L6567Z - CABT-L6568Z 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	<p>Apolipoprotein M (apoM) is a lipocalin mainly produced by the liver. It binds sphingosine-1-phosphate (S1P), and HDL-containing apoM is the major transporter of S1P. ApoM–S1P is involved in several signaling pathways implicated in the atheroprotective functions of HDL. ApoM has a role in lipoprotein metabolism, atherosclerosis, diabetes, and renal diseases. The normal concentration of apoM in human plasma is approximately 6-60 mg/L.</p>
Keywords	Apolipoprotein M, apoM, apolipoproteinM, apo M, G3a, HSPC336, NG20, apo-M