



Mouse Anti-Human APOB monoclonal antibody, clone MEM31/28 (CABT-L6558Z)

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 apoB in immunoassays such as ELISA and Western blot.
Specificity	Native human apoB in the form of LDL. The presence of low amounts of detergent is necessary for binding. Tween 20, Triton X100 or NP40 can be used at a concentration of 0.01-0.5%. Cross-reacts with apoB from rhesus and cynomolgus macaques.
Immunogen	Native protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Non-human primates
Clone	MEM31/28
Purification	Protein G purified
Conjugate	Unconjugated
Applications	IP, WB, ELISA, ELISA(Cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-L6558Z - CABT-L6559Z 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 B (apoB) is the main protein component of low-density lipoprotein particles (LDL) and it is a large water-insoluble molecule of 512 kD (apoB-100) produced mainly in the liver and in the intestine (apoB-48). ApoB is regarded as a negative factor in cardiovascular disease. ApoB-100 is normally 98% of the apoB in human plasma and at a concentration of approximately 0.4-1.3 mg/ml.
Keywords	Apolipoprotein B, apoB, apolipoproteinB, apo B, apoB-100, apoB100, apo B100, FCHL2, FLDB, LDLQC4, apoB-48