

Product datasheet for **BM2149**

Apolipoprotein B (APOB) Mouse Monoclonal Antibody [Clone ID: 1605]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1605
Applications:	ELISA, R
Recommended Dilution:	Recommended for Competitive ELISA/RIA .
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified Human serum LDL.
Specificity:	This antibody detects Apolipoprotein B. No cross reactivity with Apo A-I or Apo A-II.
Formulation:	0.015M Potassium phosphate buffer, 0.15M NaCl, pH 7.2 State: Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	DEAE-Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein B
Database Link:	Entrez Gene 338 Human P04114



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Background: Apolipoprotein B consists of a single polypeptide chain with a molecular weight of 516 kDa and is mostly synthesised in the liver. It is a major apolipoprotein of very low density, intermediate density and low density lipoproteins (LDL) as well as being a major component of lipoprotein (a). Apolipoprotein B is a ligand for the LDL receptor and elevated levels are associated with premature atherosclerosis. Normal plasma apolipoprotein B levels are around 800mg/L.

Synonyms: ApoB, Apo-B, ApoB100, ApoB-100