

BM2150**Monoclonal Antibody to Apolipoprotein B / Apo B - Purified**

Alternate names:	Apo-B, ApoB, ApoB-100, ApoB100
Quantity:	1 mg
Concentration:	3.43 mg/ml (OD280 nm, E1% = 14)
Background:	Apolipoprotein B consists of a single polypeptide chain with a molecular weight of 549 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.
Uniprot ID:	P04114
NCBI:	NP_000375.2
GeneID:	338
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	1610
Immunogen:	Purified Human serum LDL
Format:	State: Liquid purified Ig fraction Purification: DEAE-Chromatography Buffer System: 0.015M Potassium Phosphate buffer, 0.15M Sodium Chloride, pH 7.2 Preservatives: 0.09% Sodium Azide Stabilizers: None
Applications:	Recommended for Competitive EIA/RIA . Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Apolipoprotein B. No cross reactivity with Apo A-I and Apo A-II. Species: Human. Other species not tested. Affinity Constant: 4×10^{10}
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.