

BM2579**Monoclonal Antibody to Apolipoprotein B / Apo B - Purified**

Alternate names:	Apo-B, ApoB, ApoB-100, ApoB100
Quantity:	1 mg
Concentration:	5.56 mg/ml (OD280 nm, E1% = 14)
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.
Uniprot ID:	P04114
NCBI:	NP_000375.2
GeneID:	338
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	1606
Immunogen:	Purified human serum LDL
Format:	State: Liquid purified Ig fraction. Purification: DEAE-chromatography. Buffer System: 0.015 M PBS, 0.15 M NaCl, pH 7.2 with 0.009% Sodium Azide as preservative.
Applications:	Suitable for use in competitive EIA or RIA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with Human Apolipoprotein B (Apo B). No cross reactivity with Apo AI or Apo AII. Affinity Constant: 8 x 10e8
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. Shelf life: one year from despatch.