

**AM00809PU-N****Monoclonal Antibody to Apolipoprotein B / Apo B - Purified**

<b>Alternate names:</b>	Apo-B, ApoB, ApoB-100, ApoB100
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	5.0 mg/ml (OD280nm, E0.1% = 1.4)
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">P04114</a>
<b>NCBI:</b>	<a href="#">NP_000375.2</a>
<b>GeneID:</b>	<a href="#">338</a>
<b>Host / Isotype:</b>	Mouse / IgG2b
<b>Recommended Isotype Controls:</b>	SM12P, AM03110PU-N
<b>Clone:</b>	057-10031
<b>Immunogen:</b>	Human low density lipoprotein
<b>Format:</b>	<b>State:</b> Liquid Ig fraction <b>Purification:</b> Protein A chromatography, 0.2 µm filtered (>90% pure by SDS-PAGE). <b>Buffer System:</b> 10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride; 0.09 % Sodium Azide
<b>Applications:</b>	RIA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody is specific for Apolipoprotein B (Apo B). Does not cross-react with Apo A-I or Apo A-II in competitive RIA. <b>Species:</b> Human. Other species not tested.
<b>Storage:</b>	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 to -80 °C for longer. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles. Shelf life: one year from despatch.