

Product datasheet for **AM00809PU-N**

Apolipoprotein B (APOB) Mouse Monoclonal Antibody [Clone ID: 057-10031]

Product data:

Product Type:	Primary Antibodies
Clone Name:	057-10031
Applications:	ELISA, R
Recommended Dilution:	RIA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human low density lipoprotein
Specificity:	This antibody is specific for Apolipoprotein B (Apo B). Does not cross-react with Apo A-I or Apo A-II in competitive RIA.
Formulation:	10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride; 0.09 % Sodium Azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography, 0.2 µm filtered (>90% pure by SDS-PAGE).
Conjugation:	Unconjugated
Storage:	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.
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