

Product datasheet for **AM32211PU-N**

Apolipoprotein B (APOB) Mouse Monoclonal Antibody [Clone ID: 4C11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4C11
Applications:	ELISA, IHC
Recommended Dilution:	ELISA: 1/1000. Immunohistochemistry on Frozen Sections: 1/100.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	The antibody reacts with low density lipoproteins of Human plasma. It is specific for fragment T3, the middle thrombolytic peptide of Human Apo-B. No cross reactions with other Human plasma proteins were detected. The antibody can be used for LDL depletion of Human plasma, in combination with other antibodies for detection of LDL in plasma and for the specific detection of Apo-B. The antibody is also useful for detection of Apo-B in tissue sections.
Formulation:	State: Purified State: Lyophilized purified Ig fraction Buffer: 0.01M sodium phosphate, 0.01M sodium borate, 0.15M sodium chloride, 1% dextran, 1%mannitol, pH 8
Reconstitution Method:	Restore with 1 ml distilled (sterile) water and add preservative if preferred.
Concentration:	0.5 mg/ml (after reconstitution)
Purification:	Sodium sulfate + DEAE-Cellulose Chromatography, gradient elution
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



[View online »](#)

Gene Name: apolipoprotein B

Database Link: [Entrez Gene 338 Human P04114](#)

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