

## 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:	<b>ELISA:</b> 1/1000. <b>Immunohistochemistry on Frozen Sections:</b> 1/100.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	<p>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.</p> <p>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.</p>
Formulation:	<p>State: Purified</p> <p>State: Lyophilized purified Ig fraction</p> <p>Buffer: 0.01M sodium phosphate, 0.01M sodium borate, 0.15M sodium chloride, 1% dextran, 1%mannitol, pH 8</p>
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:	<p>Store lyophilized at 2-8°C for 6 months or at -20°C long term.</p> <p>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.</p> <p>Avoid repeated freezing and thawing.</p>
Stability:	Shelf life: one year from despatch.



Gene Name: apolipoprotein B

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

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