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Datasheet for ABIN7543444

Recombinant anti-Apo-B100 antibody

Overview

Quantity:	100 µg
Target:	Apo-B100
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Apo-B100 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-Apolipoprotein B-100 [MabB9], Rabbit IgG, kappa
Immunogen:	The original antibody was generated by immunizing female BALB/c mice intraperitoneally with 20ug of human apo B-100 and dead Salmonella microbes.
Clone:	MabB9
Isotype:	IgG kappa
Specificity:	This antibody binds human apolipoprotein B (APOB). Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor. It is involved in the metabolism of lipids and is the main protein constituent of lipoproteins such as very low-density lipoprotein (VLDL) and low-density lipoprotein (LDL, the "bad cholesterol").

Product Details

Characteristics: Original Species of Ab: Mouse
Original Format of Ab: IgG2b

Purification: Protein A affinity purified

Target Details

Target: Apo-B100

Alternative Name: Apolipoprotein B-100 ([Apo-B100 Products](#))

Background: APOB, Apolipoprotein B-100, Apo B-100

UniProt: [P04114](#)

Application Details

Application Notes: The binding characterization of this antibody towards human APO-B was done using ELISA and immunoblotting. This antibody was also used in a serum assay to determine the quantity of apo-B in a sample using competitive ELISA. This antibody was shown to react with isolated human Apo-B as well as low density lipids but not with high density lipids and lipoprotein-deficient serum (Yoon et al., 1993).

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
