



Datasheet for ABIN6963944

## anti-APOB antibody



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### 5 Publications

#### Overview

Quantity:	1 mg
Target:	APOB
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

#### Product Details

Immunogen:	Human LDL
Clone:	LDL 20-17
Isotype:	IgG2a
Specificity:	Native apoB in the form of LDL.
Cross-Reactivity (Details):	The monoclonal antibody cross-reacts with apoB from non-human primates.
Purification:	Purified from in vitro cultures by protein G affinity chromatography.

#### Target Details

Target:	APOB
Alternative Name:	apoB ( <a href="#">APOB Products</a> )
Gene ID:	338

## Target Details

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Pathways: [Lipid Metabolism](#)

## Application Details

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Application Notes: For quantification of apoB in serum/plasma samples and cell culture supernatants using ELISA. LDL 20/17 is recommended as coating mAb in combination with detection mAb LDL 11 . The antibodies are also suitable for immunoprecipitation and Western blot.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: supplied at 1 mg/mL in PBS with 0.02 % sodium azide

Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Store product at 4-8°C or frozen at -20°C or below. Avoid repeated freezing/ thawing.

Expiry Date: 18 months

## Publications

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Product cited in: Yu, Rimbart, Palmer, Toyohara, Xia, Xia, Ferreira, Chen, Chen, Loaiza, Horwitz, Kacergis, Zhao, Soukas, Kuivenhoven, Kathiresan, Cowan: "GPR146 Deficiency Protects against Hypercholesterolemia and Atherosclerosis." in: **Cell**, Vol. 179, Issue 6, pp. 1276-1288.e14, (2020) ([PubMed](#)).

Cayo, Mallanna, Di Furio, Jing, Tolliver, Bures, Urick, Noto, Pashos, Greseth, Czarnecki, Traktman, Yang, Morrissey, Grompe, Rader, Duncan: "A Drug Screen using Human iPSC-Derived Hepatocyte-like Cells Reveals Cardiac Glycosides as a Potential Treatment for Hypercholesterolemia." in: **Cell stem cell**, Vol. 20, Issue 4, pp. 478-489.e5, (2017) ([PubMed](#)).

Vu, Bemis, Benson, Bista, Carney, Fahrner, Lee, Liu, Lonkar, Milne, Nichols, Picarella, Shoelson, Smith, Ting, Wensley, Yeager, Zimmer, Jirousek: "Synthesis and Characterization of Fatty Acid

Conjugates of Niacin and Salicylic Acid." in: **Journal of medicinal chemistry**, Vol. 59, Issue 3, pp. 1217-31, (2016) ([PubMed](#)).

Bissig-Choisat, Wang, Legras, Saha, Chen, Bell, Pankowicz, Hill, Barzi, Leyton, Leung, Kruse, Himes, Goss, Wilson, Chan, Lagor, Bissig: "Development and rescue of human familial hypercholesterolaemia in a xenograft mouse model." in: **Nature communications**, Vol. 6, pp. 7339, (2015) ([PubMed](#)).

Derwall, Malhotra, Lai, Beppu, Aikawa, Seehra, Zapol, Bloch, Yu: "Inhibition of bone morphogenetic protein signaling reduces vascular calcification and atherosclerosis." in: **Arteriosclerosis, thrombosis, and vascular biology**, Vol. 32, Issue 3, pp. 613-22, (2012) ([PubMed](#)).