

Mouse anti-Human Apolipoprotein B/APOB Monoclonal Antibody | anti-APOB antibody

Apolipoprotein B/APOB Mouse Monoclonal Antibody [Clone APOB/4335]

CATALOG # AAA215722	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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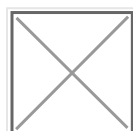
PRODUCT SYNONYMS

Apolipoprotein B/APOB; Monoclonal Antibody; Apolipoprotein B/APOB Mouse Monoclonal Antibody [Clone APOB/4335]; ApoB 100; ApoB 48; Apolipoprotein B (including Ag(x) antigen); Apolipoprotein B 100; Apolipoprotein B 48; Apolipoprotein B; FLDB; LDLCQ4; anti-APOB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2b + 2c, kappa
Clone Number	APOB/4335
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-APOB antibody	IHC (Immunohistochemistry)
Immunogen	Human recombinant APOB protein fragment (around aa 592-689) (exact sequence is proprietary)
Cellular Localization	Cytoplasm, Secreted
Positive Control	Human liver or kidney tissue.
Hu-chromosome Location	2p24.1
Unigene	120759
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human liver stained with Apolipoprotein B Mouse Monoclonal Antibody (APOB/4335).

ADDITIONAL INFORMATION

Related Product Information for anti-APOB antibody	Post-transcriptional editing of apolipoprotein B (apoB) mRNA is regulated byAPOBEC1 (also designated human (or rat) small intestinal apolipoprotein B mRNA editing protein, HEPR or REPR) in hepatic cells to achieve a steady state proportion of edited and unedited RNA molecules. Two forms of apoB are known to circulate in the plasma of mammals. ApoB-100 is a protein primarily synthesized in the liver as a structural component of very low density lipoprotein particles. A truncated form of apoB-100, apoB-48, is synthesized in the small intestine and contains the amino-terminal 2,152 amino acids of the larger protein. This organ-specific partitioning of apoB production is the result of RNA editing of a common apoB gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28780
NCBI GeneID	338
UniProt Accession #	P04114; O00502; P78479; P78480; P78481; Q13779; Q13785; Q13786; Q13787; Q13788; Q4ZG63; Q53QC8
Molecular Weight	515,605 Da
NCBI Official Full Name	apo-B100
NCBI Official Synonym Full Names	apolipoprotein B
NCBI Official Symbol	APOB
NCBI Official Synonym Symbols	FLDB; LDLCQ4
NCBI Protein Information	apolipoprotein B-100; apoB-48; apoB-100; apo B-100; mutant Apo B 100; apolipoprotein B48; apolipoprotein B (including Ag(x) antigen)
UniProt Protein Name	Apolipoprotein B-100
UniProt Gene Name	APOB
UniProt Synonym Gene Names	Apo B-100; Apo B-48
UniProt Entry Name	APOB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/apolipoprotein-b-apob-antibody-clone-apob-4335-immunohistochemistry-elisa/215722>