BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-LDL Receptor Rabbit Monoclonal Antibody

Catalog Number: M00076

About LDLR

In humans, the LDL receptor protein is encoded by the LDLR gene on chromosome 19. It is mapped to 19p13.2. The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. Low density lipoprotein (LDL) is normally bound at the cell membrane and taken into the cell ending up in lysosomes where the protein is degraded and the cholesterol is made available for repression of microsomal enzyme 3-hydroxy-3-methylglutaryl coenzyme A (HMG CoA) reductase, the rate-limiting step in cholesterol synthesis. At the same time, a reciprocal stimulation of cholesterol ester synthesis takes place. Mutations in this gene cause the autosomal dominant disorder, familial hypercholesterolemia. Alternate splicing results in multiple transcript variants.

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Overview

Product Name	Anti-LDL Receptor Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-LDL Receptor Rabbit Monoclonal Antibody catalog # M00076. Tested in WB, IHC applications. This antibody reacts with Human, Mouse.
Application	IHC, WB
Clonality	Monoclonal BFC-12
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01130

Technical Details

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Immunogen	A synthesized peptide derived from human LDL Receptor
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000 IHC, 1:50-200

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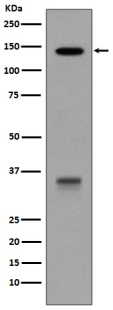
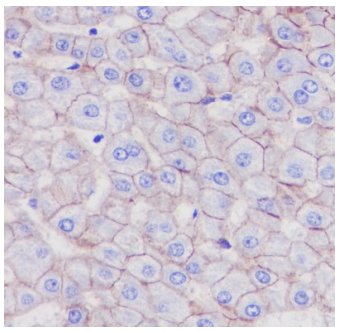
Anti-LDL Receptor Rabbit Monoclonal Antibody (M00076) Images



Western blot analysis of LDLR expression in HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver carcinoma, using LDL Receptor Antibody .

Anti-LDL Receptor Rabbit Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.