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## LDLR Recombinant Rabbit mAb

Catalog Number: bsm-52372R

Target Protein: LDLR

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 1A7

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse

Predicted MW: 92 kDa

Subcellular Cytoplasm ,Nucleus

Locations:

Entrez Gene: 3949

Swiss Prot: P01130

Source: A synthesized peptide derived from human LDL receptor: 823-860/860.

Purification: affinity purified by Protein A

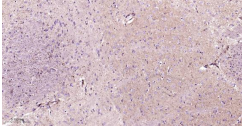
Storage: 0.01M TBS (pH7.4) with 0.05% BSA, 40% Glycerol, 0.02% Proclin300.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

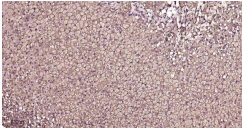
**Background:** The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. The encoded protein is normally bound at the cell membrane, where it binds low density lipoprotein/cholesterol and is taken into the cell. Lysosomes release the cholesterol, which 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.[provided by RefSeq, May 2022]

### VALIDATION IMAGES

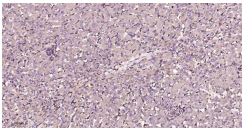
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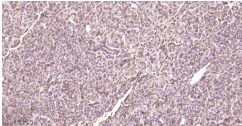
Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with LDLR Monoclonal Antibody, Unconjugated(bsm-52372R) at 1:400 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Adrenal Gland; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with LDLR Monoclonal Antibody, Unconjugated(bsm-52372R) at 1:400 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with LDLR Monoclonal Antibody, Unconjugated(bsm-52372R) at 1:400 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with LDLR Monoclonal Antibody, Unconjugated(bsm-52372R) at 1:400 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.