

LDLR monoclonal antibody

Catalog: MB21935

Host: Mouse

Reactivity: Human

BackGround:

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

95.4kDa

Swiss-Prot:

P01130

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

Storage&Stability:

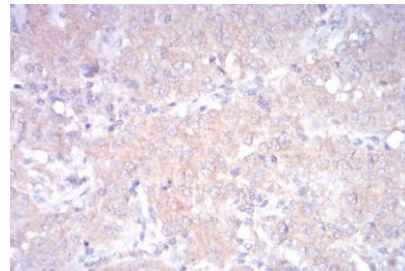
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

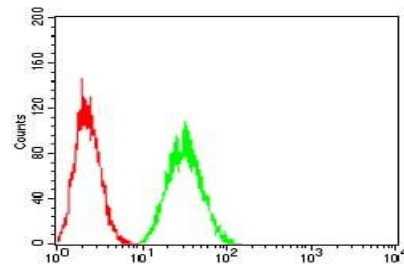
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using LDLR mouse mAb with DAB staining.



Flow cytometric analysis of HeLa cells using LDLR mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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