Mouse Monoclonal Antibody to LDLR

Order Information		
Catalog#	30767	
Size/Concentration	50ul	100µl
Price(￥)	1280	2180

Call 1-510-860-4615
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Email Info@ProMab.com
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www.ProMab.cn

Description

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.r

Specification

Entrez GeneID	3949
Aliases	FH; FHC; LDLCQ2
Clone#	1B10H10
MW	95.4kDa
Host/Isotype	Mouse IgG1
Storage	4°C; -20°C for long term storage. Avoid freeze /thaw cycles.
Species Reactivity	Human
Immunogen	Purified recombinant fragment of human LDL R (AA: 22-150) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium a zide

Application

ELISA	1/10000
FCM	1/200 - 1/400
IHC	1/200 - 1/1000

References

Phytother Res. 2012 Nov;26(11):1688-94.
Biochim Biophys Acta. 2011 Jun;1811(6):397-408.

Protocal

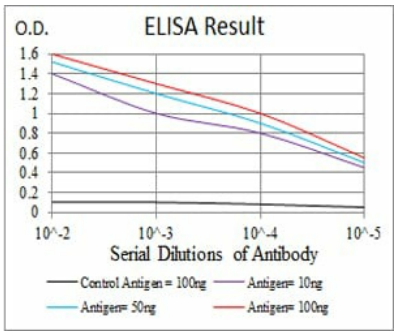
WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

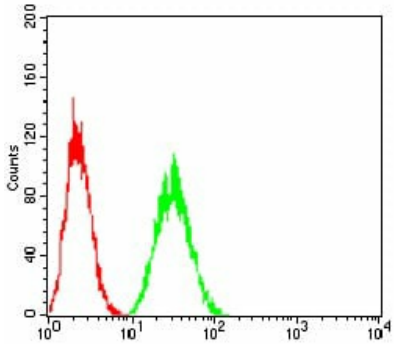
Products and Services

- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

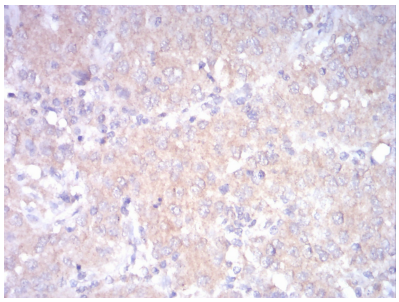
Mouse Monoclonal Antibody to LDLR



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



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



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

For Research Only
Application Key: WB - Western Blot | **IHC** - Immunohistochemistry | **ICC** - Immunocytochemistry | **FCM** - Flow Cytometry | **ELISA** - Enzyme-linked Immunosorbent Assay | **IP** - Immunoprecipitation