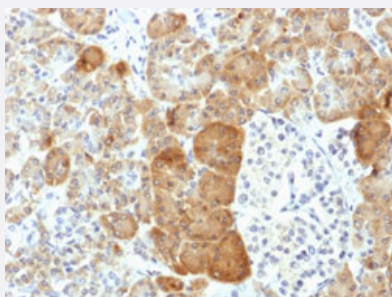


VLDLR monoclonal antibody, clone VLDLR/1337

Catalog # MAB15033 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with VLDLR monoclonal antibody, clone VLDLR/1337 (Cat # MAB15033).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human VLDLR.
Immunogen	Recombinant protein corresponding to C-terminus of human VLDLR.
Host	Mouse
Theoretical MW (kDa)	143-161
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

Storage Instruction

Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human pancreas with VLDLR monoclonal antibody, clone VLDLR/1337 (Cat # MAB15033).

- Immunofluorescence
- Flow Cytometry

Gene Info — VLDLR

Entrez GeneID [7436](#)

Protein Accession# [P98155](#)

Gene Name VLDLR

Gene Alias CHRMQ1, FLJ35024, VLDLRCH

Gene Description very low density lipoprotein receptor

Omim ID [192977](#) [224050](#)

Gene Ontology [Hyperlink](#)

Gene Summary The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. This gene encodes a lipoprotein receptor that is a member of the LDLR family and plays important roles in VLDL-triglyceride metabolism and the reelin signaling pathway. Mutations in this gene cause VLDLR-associated cerebellar hypoplasia. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000020982|OTTHUMP00000020983|Very low-density lipoprotein receptor

Publication Reference

- [Functional domains of the very low density lipoprotein receptor: molecular analysis of ligand binding and acid-dependent ligand dissociation mechanisms.](#)

Mikhailenko I, Considine W, Argraves KM, Loukinov D, Hyman BT, Strickland DK.

Journal of Cell Science 1999 Oct; 112 (Pt 19):3269.

Application: WB-Tr, Monkey, COS-1 cells

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cognition Disorders](#)
- [Coronary Disease](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
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