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36-3367: Anti-VLDL-Receptor (Very Low Density Lipoprotein Receptor) Monoclonal Antibody(Clone: VLDLR/1337)

Clonality :	Monoclonal
Clone Name :	VLDLR/1337
Application :	IHC
Reactivity :	Human, Rat
Gene :	VLDLR
Gene ID :	7436
Uniprot ID :	P98155
Alternative Name :	Very low-density lipoprotein receptor; VLDL receptor; VLDL-R; VLDLR
Isotype :	Mouse IgG1, lambda
Immunogen Information :	Recombinant human VLDLR fragment from c-terminal

Description

VLDLR (very low density lipoprotein receptor) is a member of the LDL receptor gene family, which includes LDL receptor, LRP, megalin, VLDLR and ApoER2. The LDL receptor family is characterized by a cluster of cysteine-rich class A repeats, epidermal growth factor (EGF)-like repeats, YWTD repeats and an O-linked sÂµgar domain. VLDLR associates with RAP (receptor associated protein) during receptor folding, and RAP facilitates the secretion of the extracellular region of VLDLR. VLDLR is thoÂµght to mediate the interaction of extracellular Reelin and cytosolic mDab1 (mammalian disabled protein), which activates a tyrosine kinase. This pathway regulates the migration of neurons along the radial glial fiber network during brain development.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues is enhanced by heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0 for 45 min at 95&degC followed by cooling at RT for 20 minutes)

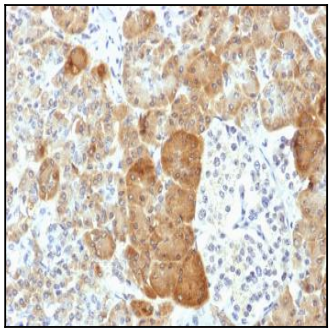


Fig. 1: Formalin-fixed, paraffin-embedded human Pancreas stained with VLDL-Receptor Mouse Monoclonal Antibody (VLDLR/1337).

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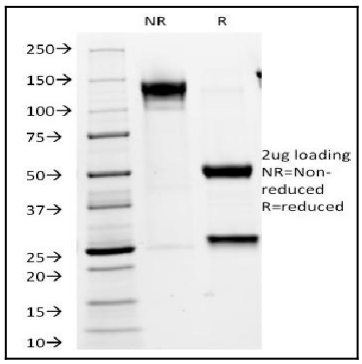


Fig. 2: SDS-PAGE Analysis Purified VLDL-Receptor Mouse Monoclonal Antibody (VLDLR/1337). Confirmation of Purity and Integrity of Antibody

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