

AM00970PU-N

Monoclonal Antibody to VLDL-R / VLDL receptor - Purified

Alternate names:	VLDLR, VTG receptor, VTGR, Vitellogenin receptor
Quantity:	0.2 mg
Concentration:	0.79 mg/ml (OD280 nm, E0.1% = 1.36)
Background:	VLDL (very low density lipoprotein) cholesterol is one of the three major types of cholesterol found in blood. VLDL receptor plays an essential role in triglyceride metabolism. It binds VLDL and transports it into cells by endocytosis. In order to be internalized, the receptor-ligand complexes must first cluster into clathrin coated pits. Binding to Reelin induces tyrosine phosphorylation of Dab1 and modulation of Tau phosphorylation.
Uniprot ID:	P98155
NCBI:	NP_001018066.1
GeneID:	7436
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	B046M
Immunogen:	Human VLDL Receptor.
Format:	State: Liquid purified Ig fraction. Purification: Produced in VLDL receptor knockout mice. Protein A chromatography Buffer System: 0.05 M Sodium Phosphate, pH 6.6 containing 0.1 M Sodium Chloride and 1 mM EDTA without preservatives.
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to the Very Low Density Lipoprotein (VLDL) Receptor. Binds to an epitope on the C-terminus of VLDL receptor and blocks Apo E4 binding. Species: Human. Other species not tested.
Storage:	Store the antibody at -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Ruiz, J., et al. (2005), J. Lipid Res., 46: 1721-1731