Datasheet for ABIN7661867

Recombinant anti-VLDLR antibody (C-Term) (CF®640R)

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Overview

Quantity:	100 µL
Target:	VLDLR
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This VLDLR antibody is conjugated to CF®640R
Application:	Please inquire

Product Details

Purpose:	VLDL-Receptor (Very Low Density Lipoprotein Receptor)(VLDLR/2896R), CF640R conjugate
Immunogen:	Recombinant human VLDLR fragment from c-terminal
Clone:	VLDLR-2896R
Isotype:	IgG
Characteristics:	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 sugar domain. VLDLR associates with RAP (receptor associated protein) during receptor folding, and RAP facilitates the secretion of the extracellular region of VLDLR. VLDLR is thought to mediate the interaction of extracellular Reelin and

Product Details

	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. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	VLDLR
Alternative Name:	VLDL Receptor
Background:	Synonyms: Very low-density lipoprotein receptor, VLDL receptor, VLDL-R, VLDLR Gene Symbol: VLDLR
Molecular Weight:	143-161 kDa
Gene ID:	7436
UniProt:	P98155
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	For coating for ELISA, order Ab without BSA. Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody. Optimal dilution and staining procedure for a specific application should be determined by user. Recommended starting concentrations for titration are 1-2 µg/mL for most applications, or 1 µg/million cells/100 µLfor flow cytometry
Comment:	Positive Control: HeLa or U-251 cells. Pancreas, Cerebellum, Heart or Skeletal Muscle.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % azide

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from light
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months