Datasheet for ABIN705555

anti-VLDLR antibody (AA 551-650) (Cy5)

1 Publication

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Overview

Quantity:	100 µL
Target:	VLDLR
Binding Specificity:	AA 551-650
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VLDLR antibody is conjugated to Cy5
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human VLDL Receptor
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

Target Details

Target:	VLDLR
Alternative Name:	VLDL Receptor (VLDLR Products)
Background:	Synonyms: CARMQ1, CHRMQ1, VLDLRCH, Very low-density lipoprotein receptor, VLDL receptor, VLDL-R, VLDLR

Target Details

	Background: 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 (By similarity).
Gene ID:	7436
UniProt:	P98155
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Fredriksson, Mishra, Lam, Mushaben, Cuento, Meyer, Yao, Keeran, Nugent, Qu, Yu, Yang, Raghavachari, Dagur, McCoy, Levine: "The very low density lipoprotein receptor attenuates house dust mite-induced airway inflammation by suppressing dendritic cell-mediated adaptive immune responses." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 192, Issue 10, pp. 4497-509, (2014) (PubMed).