Datasheet for ABIN6168173

anti-VLDLR antibody (C-Term) (CF®568)

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Overview

Quantity:	100 µL
Target:	VLDLR
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This VLDLR antibody is conjugated to CF®568
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Immunostaining (ISt)

Product Details

Purpose:	Mouse Monoclonal anti-VLDL Receptor (VLDLR/1337), CF568 Conjugate
Immunogen:	Recombinant human VLDLR fragment from c-terminal (exact sequence is proprietary)
Clone:	VLDLR-1337
Isotype:	IgG1
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 (VLDLR Products)
Background:	Very low-density lipoprotein receptor, VLDL receptor, VLDL-R, VLDLR
Molecular Weight:	143-161 kDa
Gene ID:	7436
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Immunohistology (formalin) 1-2 µg/mL • Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM Tris, 1 mM EDTA pH 9.0 for 10-20 min followed by cooling at RT for 20 min • Immunofluorescence 0.5-1 µg/mL • Flow Cytometry 0.5-1 µg/million cells/0.1 mL • Western blotting 0.5-1 µg/mL • Optimal dilution for a specific application should be determined by user
Comment:	HeLa or U-251 cells. Pancreas, Cerebellum, Heart or Skeletal Muscle.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	100 µg/mL
Buffer:	PBS/0.1 % BSA/0.05 % azide
Preservative:	Sodium azide

Handling

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