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Datasheet for ABIN7193277 anti-LRP6 antibody (AA 1198-1370)

4 Images



Overview

Quantity:	0.1 mg
Target:	LRP6
Binding Specificity:	AA 1198-1370
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LRP6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

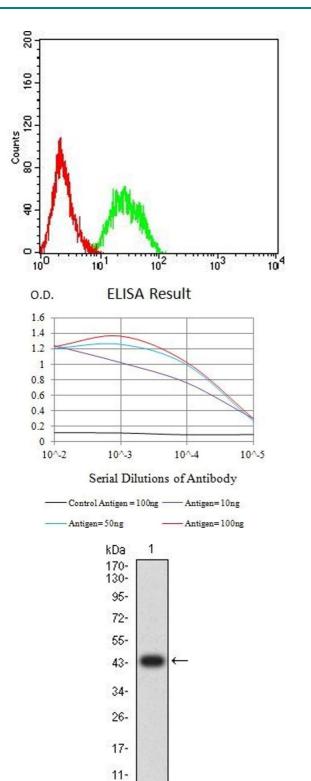
Immunogen:	Purified recombinant fragment of human LRP6 (AA: extra 1198-1370) expressed in E. coli.
Clone:	1A3F5
Isotype:	lgG1
Purification:	purified

Target Details

Target:	LRP6
Alternative Name:	LRP6 (LRP6 Products)
Background:	Description: This gene encodes a member of the low density lipoprotein (LDL) receptor gene

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	family. LDL receptors are transmembrane cell surface proteins involved in receptor-mediated
	endocytosis of lipoprotein and protein ligands. The protein encoded by this gene functions as a
	receptor or, with Frizzled, a co-receptor for Wnt and thereby transmits the canonical Wnt/beta-
	catenin signaling cascade. Through its interaction with the Wnt/beta-catenin signaling cascade
	this gene plays a role in the regulation of cell differentiation, proliferation, and migration and the
	development of many cancer types. This protein undergoes gamma-secretase dependent RIP-
	(regulated intramembrane proteolysis) processing but the precise locations of the cleavage
	sites have not been determined.
	Aliases: ADCAD2, STHAG7
Molecular Weight:	180 kDa
Gene ID:	4040
Pathways:	WNT Signaling, Tube Formation
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A
Restrictions:	For Research Use only
Handling	
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using LRP6 mouse mAb (green) and negative control (red).

ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using LRP6 mAb against human LRP6 (AA: extra 1198-1370) recombinant protein. (Expected MW is 45 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193277.

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