Datasheet for ABIN969534

anti-BPIFB1 antibody

6 Images | 2 Publications

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Overview

Quantity:	0.1 mg
Target:	BPIFB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human LPlunc1 expressed in E. coli.
Clone:	2A5
Isotype:	IgG1
Purification:	purified

Target Details

Target:	BPIFB1
Alternative Name:	LPlunc1 (BPIFB1 Products)
Background:	Description: The protein encoded by this gene may be involved in the innate immune response to bacterial exposure in the mouth, nasal cavities, and lungs. The encoded protein is secreted and is a member of the BPI/LBP/PLUNC protein superfamily. This gene is found with other members of the superfamily in a cluster on chromosome 20.

Target Details

	Aliases: BPIFB1, LPLUNC1, MGC14597, C20orf114
Molecular Weight:	52 kDa
Gene ID:	92747
HGNC:	92747

Application Details

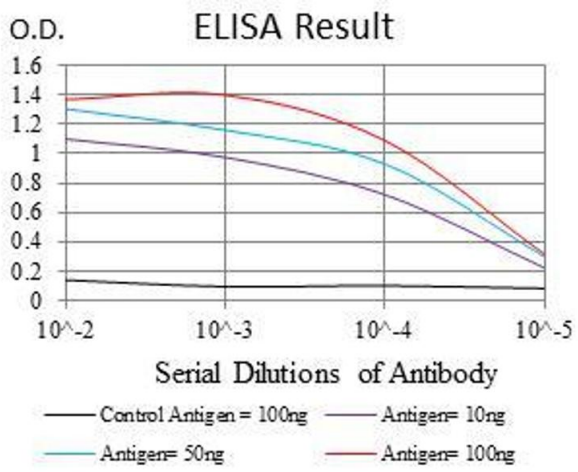
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

Format:	Liquid
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

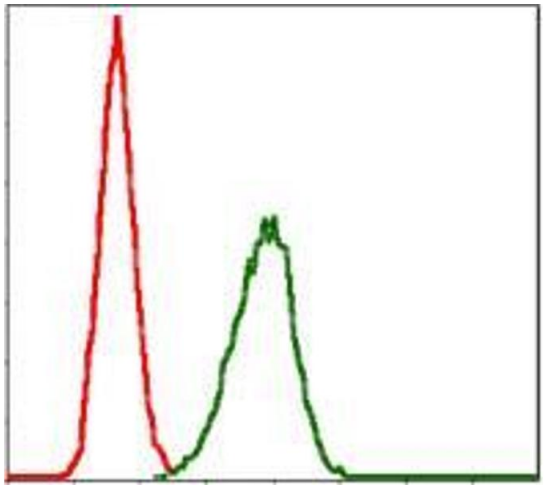
Publications

Product cited in:	Trilck, Peter, Zheng, Frank, Dobrenis, Mascher, Rolfs, Frech: "Diversity of glycosphingolipid GM2 and cholesterol accumulation in NPC1 patient-specific iPSC-derived neurons." in: **Brain research**, Vol. 1657, pp. 52-61, (2016) (PubMed).



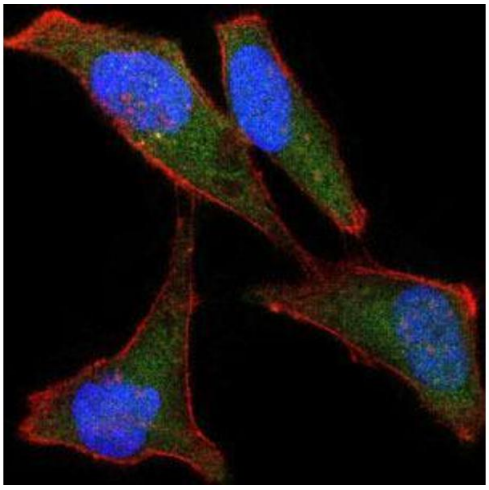
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen(10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng),



Flow Cytometry

Image 2. Flow cytometric analysis of Hela cells using LPlunc1 mouse mAb (green) and negative control (red).



Immunofluorescence

Image 3. Immunofluorescence analysis of Hela cells using LPlunc1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

Please check the product details page for more images. Overall 6 images are available for ABIN969534.