

Datasheet for ABIN7193285
anti-FZD4 antibody (AA 37-222)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	FZD4
Binding Specificity:	AA 37-222
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FZD4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD344 (AA: extra 37-222) expressed in E. coli.
Clone:	2F3A7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	FZD4
Alternative Name:	CD344 (FZD4 Products)
Background:	Description: This gene is a member of the frizzled gene family. Members of this family encode

Target Details

seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence.

Aliases: FZD4, Fz4, EVR1, FEVR, Fz-4, FzE4, GPCR, hFz4, FZD4S

Molecular Weight: 60 kDa

Gene ID: 8322

Pathways: [WNT Signaling](#), [Hormone Transport](#), [Sensory Perception of Sound](#)

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

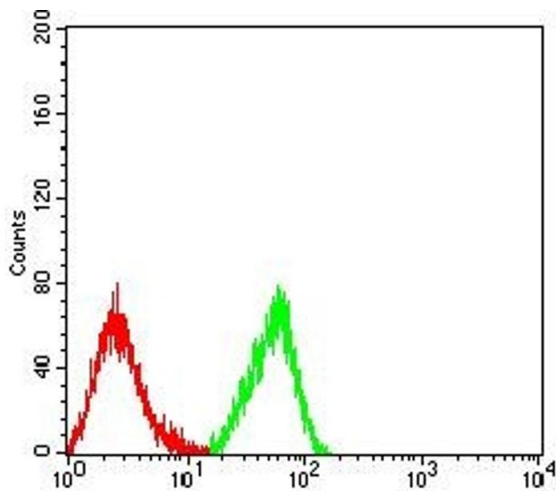
Buffer: Purified antibody in PBS with 0.05 % sodium azide

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

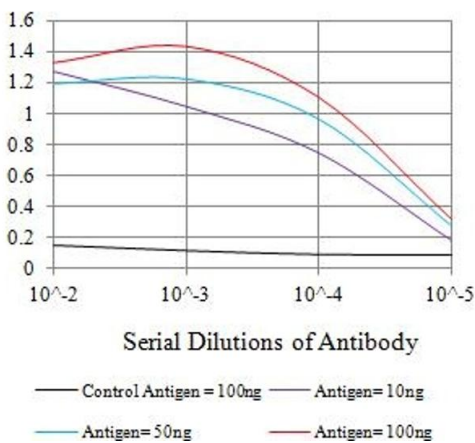
Storage Comment: 4°C, -20°C for long term storage



Flow Cytometry

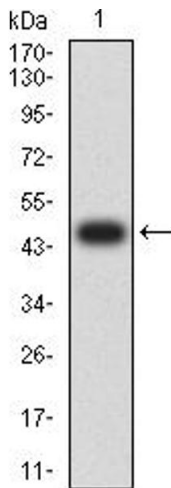
Image 1. Flow cytometric analysis of HL-60 cells using CD344 mouse mAb (green) and negative control (red).

ELISA Result



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 CD344 mAb against human CD344 (AA: extra 37-222) recombinant protein. (Expected MW is 47 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193285.