

Datasheet for ABIN7013965
anti-FZD4 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	FZD4
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FZD4 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD344 Purified
Immunogen:	WERI-RB-1 retinoblastoma cells
Clone:	CH3A4A7
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody CH3A4A7 recognizes an extracellular epitope of CD344 (Frizzled 4), a 7-TM protein of G-protein-coupled receptor family, which is a marker for neuronal stem cells.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	FZD4
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Target Details

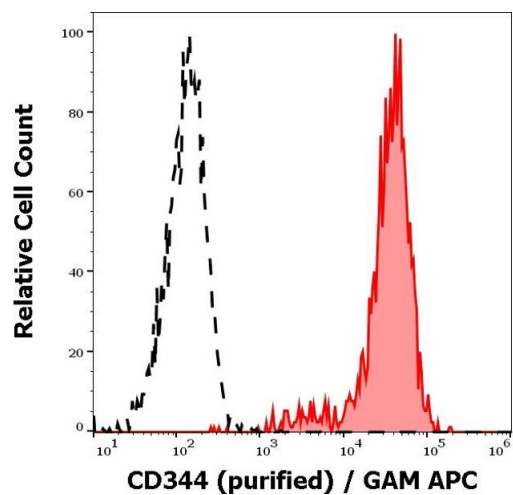
Alternative Name:	CD344 (FZD4 Products)
Background:	Frizzled class receptor 4,CD344 (Frizzled class receptor 4) is a G-protein coupled 7-TM protein, predominantly expressed in fetal neuronal progenitor cells, neuronal intestinal cells, as well as in the kidney, lung, brain, and liver. CD344 is important for regulation of cell polarity, proliferation, and tissue development. Defects in CD344 expression, or its mutation, lead e.g. to serious failures in retinal vascularization, defects in cerebellum, progressive hearing loss, or impaired corpora lutea formation and function.,Frizzled-4, FZD4, EVR1, FEVR, GPCR
Gene ID:	8322
UniProt:	Q9ULV1
Pathways:	WNT Signaling , Hormone Transport , Sensory Perception of Sound

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM 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
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Separation of HeLa cells (red-filled) from human peripheral whole blood cells (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human CD34 (CH3A4A7) purified antibody (concentration in sample 1,7 $\mu\text{g}/\text{mL}$, GAM APC).