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30-2577: Anti-Human CD344 Antibody (Clone : CH3A4A7)

Clonality :	Monoclonal
Clone Name :	CH3A4A7
Application :	FACS
Reactivity :	Human
Gene :	FZD4
Gene ID :	8322
Format :	Purified
Alternative Name :	Frizzled-4, FZD4, EVR1, FEVR, GPCR,frizzled class receptor 4
Isotype :	Mouse IgG1 kappa
Immunogen Information :	WERI-RB-1 retinoblastoma cells

Description

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.
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.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

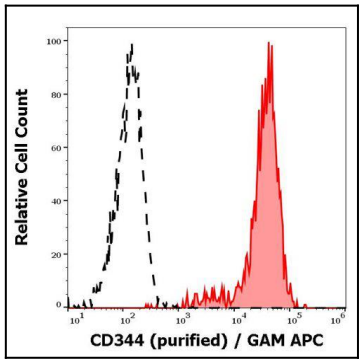

Figure 1 : Separation of HeLa cells (red-filled) from human peripheral whole blood cells (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human CD344 (CH3A4A7) purified antibody (concentration in sample 1,7 µg/ml, GAM APC).