

Technical Data Sheet

Product **Anti-Hu CD344 PE**
Cat. Number/Size **1P-834-T100** **100 tests**
For Research Use Only.
Not for use in diagnostic or therapeutic procedures.

Antigen	CD344
Clone	CH3A4A7
Format	PE
Reactivity	Human, Non-human primates
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse 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.
Other names	Frizzled-4, FZD4, EVR1, FEVR, GPCR
Workshop	HLDA Workshop 2006
Immunogen	WERI-RB-1 retinoblastoma cells
Entrez Gene ID	8322
Gene name	FZD4
NCBI Full Gene Name	frizzled class receptor 4
UniProt ID	Q9ULV1

Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Images and References www.exbio.cz

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