



	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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