



	Technical Data Sheet	
Product	Anti-Hu CD140b PE	
Cat. Number/Size	1P-590-T025	25 tests
	1P-590-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD140b	
Clone	18A2	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The monoclonal antibody 18A2 recognizes an extracellular epitope of CD140b / PDGF-RB, the 180-190 kDa beta chain of platelet-derived growth factor receptor, which is widely expressed on a variety of mesenchymal-derived cells and plays pro-proliferative roles.	
Other names	PDGFRB, PDGFR1	
Immunogen	CD140b-transfected NIH 3T3 cells	
Entrez Gene ID	5159	
Gene name	PDGFRB	
NCBI Full Gene Name	platelet derived growth factor receptor beta	
UniProt ID	Q59F04	
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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