

Technical Data Sheet

Product	Anti-Hu CD140a Biotin	
Cat. Number/Size	1B-589-C025	0.025 mg
	1B-589-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD140a
Clone	16A1
Format	Biotin
Reactivity	Human
Application	FC (QC tested), ICC
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml.
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody 16A1 recognizes an extracellular epitope of CD140a / PDGF-RA, the 170 kDa alpha chain of platelet-derived growth factor receptor, which is widely expressed on a variety of mesenchymal-derived cells and plays pro-proliferative or anti-proliferative roles in various tumours.
Other names	PDGFRA, PDGFR2
Workshop	HLDA VI: WS Code E022
Immunogen	CD140a-transfected NIH 3T3 cells
Entrez Gene ID	5156
Gene name	PDGFRA
NCBI Full Gene Name	platelet derived growth factor receptor alpha
UniProt ID	P16234

Concentration	1 mg/ml
Preparation	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References www.exbio.cz

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