



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