



	Technical Data Sheet	
Product	Anti-NG2 PE	
Cat. Number/Size	1P-199-T025	25 tests
	1P-199-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	NG2	
Clone	7.1	
Format	PE	
Reactivity	Human	
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	
Specificity	The mouse monoclonal antibody 7.1 recognizes an extracellular epitope of NG2, the melanoma-associated chondroitin sulfate proteoglycan 4 of Mw approximately 220-300 kDa.	
Other names	Chondroitin sulfate proteoglycan 4, MSK16, CSPG4, MCSP	
Immunogen	Human bone marrow stromal cells infected with SV-40	
Entrez Gene ID	1464	
Gene name	CSPG4	
NCBI Full Gene Name	chondroitin sulfate proteoglycan 4	
UniProt ID	Q6UVK1	
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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