



Technical Data Sheet

Product	Anti-NG2 Alexa Fluor® 647		
Cat. Number/Size	A6-199-T100	100 tests	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	NG2		
Clone	7.1		
Format	Alexa Fluor® 647		
Reactivity	Human		
Application	FC (QC tested), ICC		
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.		
Excitation laser	red (633 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 Alexa Fluor® 647 NHS ester under optimum conditions and 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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