

Technical Data Sheet

Product	Anti-NG2 Alexa Fluor[®] 488	
Cat. Number/Size	A4-199-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	NG2
Clone	7.1
Format	Alexa Fluor [®] 488
Reactivity	Human
Application	WB, ICC, FC (QC tested)
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	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 Alexa Fluor [®] 488 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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