

30-2153: PE Conjugated Anti-NG2 / Chondroitin sulfate proteoglycan 4 Monoclonal Antibody (Clone:7.1)

Clonality :	Monoclonal
Clone Name :	7.1
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	CSPG4
Gene ID :	1464
Uniprot ID :	Q6UVK1
Alternative Name :	CSPG4,MCSP
Isotype :	Mouse IgG1
Immunogen Information :	Human bone marrow stromal cells infected with SV-40

Description

NG2 / Chondroitin sulfate proteoglycan 4 is expressed on glial cell populations, but not on normal hepatopoietic cells. It is an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells, where it plays role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes, and supports signaling pathways important for tumor invasion and growth. NG2 also serves as an AML blast tumor marker associated with poor prognosis.

Product Info

Amount :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

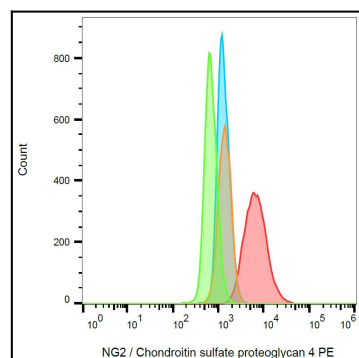


Figure 1: Surface staining of SK-MEL-30 cells with anti-NG2 (7.1) PE (red; blank orange); and SP2 cells (negative, blue; blank green).