

Anti-NG2 Purified CSPG4 Monoclonal Antibody

Catalog Number: M03394-1

About CSPG4

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.

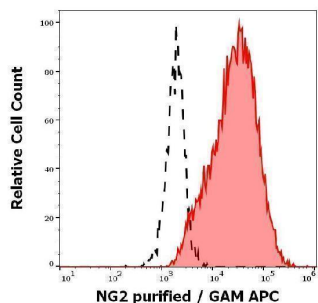
Overview

Product Name	Anti-NG2 Purified CSPG4 Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-NG2 Purified CSPG4 Monoclonal Antibody (Catalog# M03394-1). Tested in Flow Cytometry, IP, WB, ICC application(s). This antibody reacts with Human.
Application	Flow Cytometry, IP, ICC, WB
Clonality	Monoclonal 7.1
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	Q6UVK1

Technical Details

Immunogen	Human bone marrow stromal cells infected with SV-40. 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.
Predicted Reactive Species	Primate
Cross Reactivity	This antibody does not cross-react with Thy-1.1 alloantigen.
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Flow cytometry: 1-4 ug/ml.

Anti-NG2 Purified CSPG4 Monoclonal Antibody (M03394-1) Images



Separation of SK-MEL-30 cells (red-filled) from SP2 cells (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human NG2 (7.1) purified antibody (concentration in sample 0.6 $\mu\text{g}/\text{ml}$) GAM APC.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-NG2 Purified CSPG4 Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.