



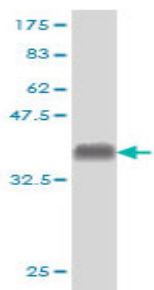
Monoclonal antibody to Chondroitin sulfate proteoglycan 5 [5C11]: IgG

Catalogue No.:	M-818-100
Description:	Chondroitin sulfate proteoglycan 5 may act as a growth and differentiation factor in neuritogenesis. It may also induce ERBB3 activation. It is expressed in the brain only and localises to the cell membrane; endoplasmic reticulum and golgi membranes; and in neurons to the synaptic junctions. This protein is N-glycosylated, O-glycosylated and phosphorylated. There are three isoforms produced by alternative splicing. A number of forms with varying molecular weights have been observed for this protein. This is possibly the result of differences in glycosylation, phosphorylation and protein cleavage.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant human chondroitin sulfate proteoglycan 5 (amino acids 445 to 539 of isoform 2) with a GST tag
Clone:	5C11
Other Names:	Neuroglycan C; Acidic leucine-rich EGF-like domain-containing brain protein; CSPG5
Accession:	CSPG5_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and direct ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been shown by WB and ELISA against the GST tagged partial recombinant chondroitin sulfate proteoglycan 5 protein.
Cross-reactivity:	No other species have been tested
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY



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Western blot detection of GST tagged recombinant human chondroitin sulfate proteoglycan 5 with monoclonal antibody to chondroitin sulfate proteoglycan 5 [5C11], catalogue number M-815-100.

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