

## ARG24191 anti-Versican antibody [N351/23]

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mous Monoclonal antibody [N351/23] recognizes Versican
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	N351/23
Isotype	IgG1
Target Name	Versican
Species	Mouse
Immunogen	Fusion protein amino acids 362-585 (glycosaminoglycan alpha domain) of mouse Versican core protein
Conjugation	Un-conjugated
Alternate Names	CSPG2; Glial hyaluronate-binding protein; Chondroitin sulfate proteoglycan 2; WGN; WGN1; Versican core protein; PG-M; Large fibroblast proteoglycan; ERVR; GHAP; Chondroitin sulfate proteoglycan core protein 2

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	350 kDa	

### Properties

Form	Liquid
Purification	Purification with Protein G
Buffer	PBS, 0.1% Sodium azide and 50% Glycerol.
Preservative	0.1% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

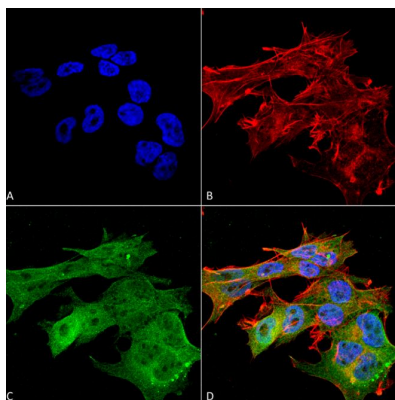
For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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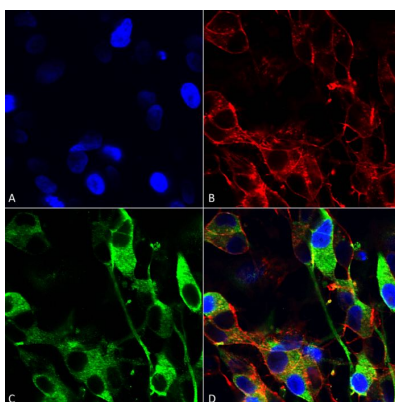
Gene Symbol	VCAN
Gene Full Name	versican
Background	This gene is a member of the aggrecan/versican proteoglycan family. The protein encoded is a large chondroitin sulfate proteoglycan and is a major component of the extracellular matrix. This protein is involved in cell adhesion, proliferation, migration and angiogenesis and plays a central role in tissue morphogenesis and maintenance. Mutations in this gene are the cause of Wagner syndrome type 1. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]
Function	May play a role in intercellular signaling and in connecting cells with the extracellular matrix. May take part in the regulation of cell motility, growth and differentiation. Binds hyaluronic acid. [UniProt]
Calculated Mw	373 kDa
PTM	Phosphorylated by FAM20C in the extracellular medium. [UniProt]
Cellular Localization	Secreted, extracellular space, extracellular matrix. [UniProt]

## Images



ARG24191 anti-Versican antibody [N351/23] ICC/IF image

Immunofluorescence: SK-N-BE stained with ARG24191 anti-Versican antibody [N351/23] at 1:100 dilution.



ARG24191 anti-Versican antibody [N351/23] ICC/IF image

Immunofluorescence: SH-SY5Y stained with ARG24191 anti-Versican antibody [N351/23] at 1:200 dilution.

ARG24191 anti-Versican antibody [N351/23] WB image

Western blot: Rat Brain stained with ARG24191 anti-Versican antibody [N351/23] at 1:200 dilution.

