



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-Versican Antibody [S351-23]

Mouse Anti-Mouse Versican Monoclonal IgG1
Catalog No. SMC-439



Discovery through partnership | Excellence through quality

Overview

Product Name

Versican Antibody

Description

Mouse Anti-Mouse Versican Monoclonal IgG1

Species Reactivity

Human, Mouse, Rat

Applications

WB, ICC/IF

Antibody Dilution

WB (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.

Host Species

Mouse

Immunogen Species

Mouse

Immunogen

Fusion protein amino acids 362-585 (glycosaminoglycan alpha domain) of mouse Versican core protein

Concentration

1 mg/ml

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.1% sodium azide

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Protein G Purified

Clonality

Monoclonal

Clone Number

S351-23

Isotype

IgG1

Specificity

Detects >350kDa.

Cite This Product

Mouse Anti-Mouse Versican Monoclonal, Clone S351-23 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SMC-439)

Certificate Of Analysis

1 µg/ml of SMC-439 was sufficient for detection of Versican in 20 µg of mouse brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

Chondroitin sulfate proteoglycan 2 Antibody, CSPG2 Antibody, ERVR Antibody, GHAP Antibody, PG-M Antibody, VCAN Antibody, Chondroitin sulfate proteoglycan 2 Antibody, Chondroitin sulfate proteoglycan core protein 2 Antibody, Glial hyaluronate binding protein Antibody, Glial hyaluronate-binding protein Antibody, Large fibroblast proteoglycan Antibody, Large fibroblast proteoglycan Antibody, PGM Antibody, V1 Neo Antibody, Versican core protein Antibody, Versican proteoglycan Antibody, Versican V0 Antibody, WGN 1 Antibody, WGN Antibody, WGN1 Antibody

Research Areas

Cell Signaling, Neuroscience, Scaffolds

Cellular Localization

Extracellular Matrix, Extracellular Space

Accession Number

AAH96495

Gene ID

13003

Swiss Prot

Q62059

Scientific Background

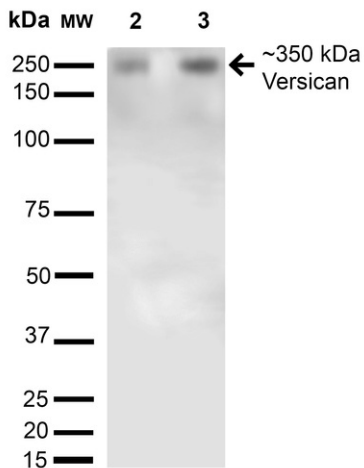
Versican (chondroitin sulfate proteoglycan 2) is a large extracellular matrix proteoglycan involved in cell growth and differentiation. Important as a structural molecule, versican creates loose and hydrated matrices during key events in development and disease. The protein contains hyaluronic acid and glycosaminoglycan-binding domains, epidermal growth factor-like repeats, a Lectinlike sequence and a complement regulatory protein-like domain. Splice variants differ greatly in length and degree of modification by glycoaminoglycan chains. Accumulation around smooth muscle cells in lesions of athero-sclerosis suggests a role for versican in atherogenesis. Versican, differentially expressed in human melanoma, plays a role in tumor

development and may be a reliable marker for clinical diagnosis. The organization of HA- and versican-rich pericellular matrices may facilitate migration and mitosis by diminishing cell surface adhesivity and affecting cell shape through steric exclusion and the viscous properties of HA proteoglycan gels.

References

1. Dours-Zimmermann M.T. and Zimmermann D.R. (1994) *J. Biol. Chem.* 269: 32992-32998.
2. Evanko S.P., Angello J.C. and Wight T.N. (1999) *Arterioscler. Thromb. Vasc. Biol.* 19:1004-1013.
3. Lemire J.M., et al. (1999) *Arterioscler. Thromb. Vasc. Biol.* 19: 1630-1639.
4. Wight T.N. (2002) *Curr. Opin. Cell Biol.* 14: 617-623.
5. Touab M., Villena J., Barranco C., Arumi-Uria M. and Bassols A. (2002) *Am. J. Pathol.* 160: 549-557.

Product Images



Western Blot analysis of Rat Brain Membrane and brain showing detection of 350kDa Versican protein using Mouse Anti-Versican Monoclonal Antibody, Clone S351-23 (SMC-439). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane and brain. Load: 15 μ g. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Versican Monoclonal Antibody (SMC-439) at 1:200 for 16 hours at 4°C. Secondary Antibody: Goat Anti-Mouse IgG: HRP at 1:1000 for 1 hour RT. Color Development: KPL TMB. Predicted/Observed Size: 350kDa. Other Band(s): Multiple other bands.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.