

Versican Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 56542 (clone S351-23)
Size: 100ug in PBS, pH 7.4; 50% glycerol, 0.09% sodium azide. Purified by Protein G affinity chromatography.

BACKGROUND

Versican (chondroitin sulfate proteoglycan 2) is a large extracellular matrix proteoglycan involved in cell growth and differentiation. Versican contains hyaluronic acid and glycosaminoglycan-binding domains, epidermal growth factor-like repeats, a Lectin-like 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 atherosclerotic lesions suggests a role for Versican in atherogenesis.

SPECIFICATION SUMMARY

Antigen: Fusion protein corresponding to aa 362-585 of mouse Versican (accession no. Q62059).

Host Species: Mouse

Antibody Class: IgG1

SPECIFICITY

This antibody recognizes mouse and rat Versican.

APPLICATIONS

Immunoblotting: use at 1ug/ml. Predicted molecular weight is >350kDa.

Positive control: Mouse brain lysate. These are recommended concentrations. User should determine optimal concentrations for their application.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid repeated freezing and thawing.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.