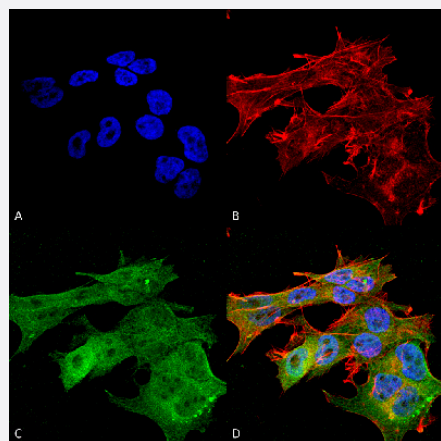


Vcan monoclonal antibody, clone S351-23 (Biotin)

Catalog # MAB16850 Size 100 ug

Applications



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Vcan monoclonal antibody, clone S351-23 (Biotin) (Cat # MAB16850). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Vcan Antibody and (D) Composite.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant mouse Vcan.
Immunogen	Recombinant protein corresponding to amino acids 362-585 at glycosaminoglycan alpha domain of mouse Vcan core protein.
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Conjugation	Biotin
Purification	Protein G purification
Isotype	IgG1

Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Vcan monoclonal antibody, clone S351-23 (Biotin) (Cat # MAB16850). (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Vcan Antibody and (D) Composite.

- Immunofluorescence

Gene Info — Vcan

Entrez GeneID	13003
Protein Accession#	Q62059
Gene Name	Vcan
Gene Alias	5430420N07Rik, 9430051N09, Cspg2, DPEAAE, NG2, PG-M, PG-M(V0), PG-M(V1), hdf
Gene Description	versican
Gene Ontology	Hyperlink
Other Designations	PG-M core protein Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) chondroitin sulfate proteoglycan 2 heart defect

Publication Reference

- [Versican: a versatile extracellular matrix proteoglycan in cell biology.](#)

Thomas N Wight.

Current Opinion in Cell Biology 2002 Oct; 14(5):617.

Application: IHC, Human, Human brain, Human breast, Human melanoma, Human prostate

- [Versican is differentially expressed in human melanoma and may play a role in tumor development.](#)

Touab M, Villena J, Barranco C, Arumi-Uria M, Bassols A.

The American Journal of Pathology 2002 Feb; 160(2):549.

Application: IHC-P, Human, Human melanoma