

Product Datasheet

Versican Antibody (S351-23) - BSA Free NBP2-22408

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-22408

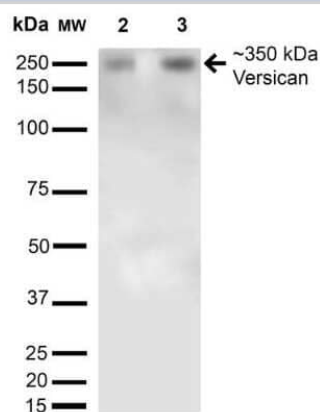
Versican Antibody (S351-23) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S351-23
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Host	Mouse
Gene ID	1462
Gene Symbol	VCAN
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects >350kDa.
Immunogen	Fusion protein amino acids 362-585 (glycosaminoglycan alpha domain) of mouse Versican core protein
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	1 ug/ml of Versican Antibody was sufficient for detection of Versican in 20 ug of mouse brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary Antibody.

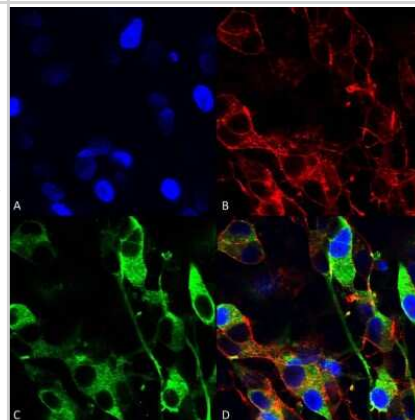


Images

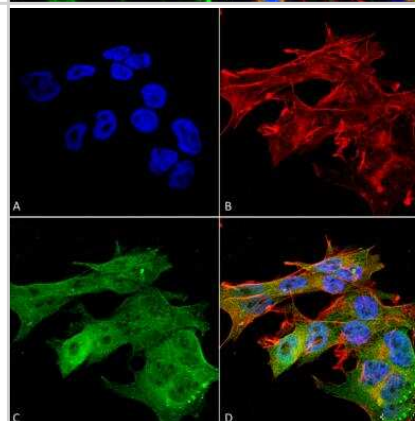
Western Blot: Versican Antibody (S351-23) [NBP2-22408] - Western Blot analysis of Rat Brain Membrane and brain showing detection of 350kDa Versican protein using Mouse Anti-Versican Monoclonal Antibody, Clone S351-23 (NBP2-22408). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane and brain. Load: 15 ug. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-Versican Monoclonal Antibody (NBP2-22408) at 1:200 for 16 hours at 4C. 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.



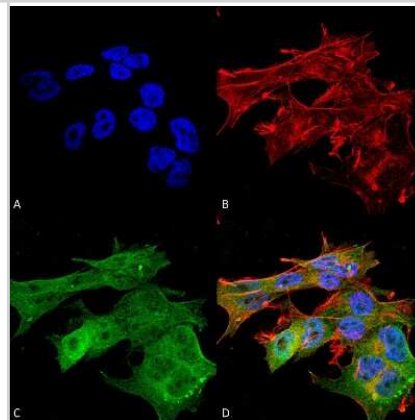
Immunocytochemistry/Immunofluorescence: Versican Antibody (S351-23) [NBP2-22408] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Versican Monoclonal Antibody, Clone S351-23 (NBP2-22408). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: Mouse Anti-Versican Monoclonal Antibody (NBP2-22408) at 1:200 for overnight at 4C with slow rocking. Secondary Antibody: AlexaFluor 488 at 1:1000 for 1 hour at RT. Counterstain: Phalloidin-iFluor 647 (red) F-Actin stain; Hoechst (blue) nuclear stain at 1:800, 1.6mM for 20 min at RT. (A) Hoechst (blue) nuclear stain. (B) Phalloidin-iFluor 647 (red) F-Actin stain. (C) Versican Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: Versican Antibody (S351-23) [NBP2-22408] - Analysis using Mouse Anti-Versican Monoclonal Antibody, Clone S351-23. Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Versican Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cytoplasm, Membrane, Extracellular Space, Extracellular Matrix. Magnification: 60X. (A) DAPI (blue) nuclear stain (B) Phalloidin Texas Red F-Actin stain (C) Versican Antibody (D) Composite.



Immunocytochemistry/Immunofluorescence: Versican Antibody (S351-23) [NBP2-22408] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Versican Monoclonal Antibody, Clone S351-23 (NBP2-22408). Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Versican Monoclonal Antibody (NBP2-22408) at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Localization: Cytoplasm, Membrane, Extracellular Space, Extracellular Matrix. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Versican Antibody. (D) Composite.



Publications

Hanuman S, B HK, Pai KSR et Al. Surface-Conjugated Galactose on Electrospun Polycaprolactone Nanofibers: An Innovative Scaffold for Uterine Tissue Engineering ACS Omega 2024-08-13 [PMID: 39157094]

Liu Z, Huang J, Kang D et al. Microenvironmental reprogramming of human dermal papilla cells for hair follicle tissue engineering Acta biomaterialia 2022-11-05 [PMID: 36347448] (ICC/IF, Human)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-22408

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-85432PEP	Versican Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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