

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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Publications: 2

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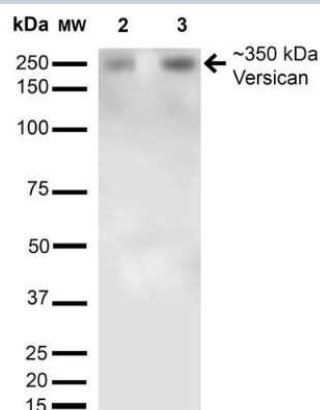
NBP2-22408

Versican Antibody (S351-23) - BSA Free

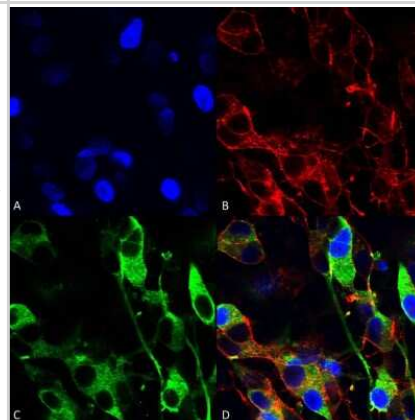
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	S351-23
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse Versican Antibody (S351-23) - BSA Free (NBP2-22408) is a monoclonal antibody validated for use in WB and ICC/IF. Anti-Versican Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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

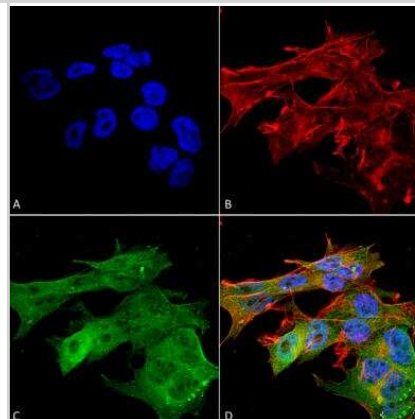
Western Blot: Versican Antibody (S351-23) [NBP2-22408] - Western Blot analysis of Rat Brain Membrane and brain showing detection of 350kDa Versican protein using Mouse Anti-Versican Monoclonal Antibody, Clone S351-23 (NBP2-22408). Lane 1: Molecular Weight Ladder. Lane 2: Rat Brain Membrane and brain. 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.



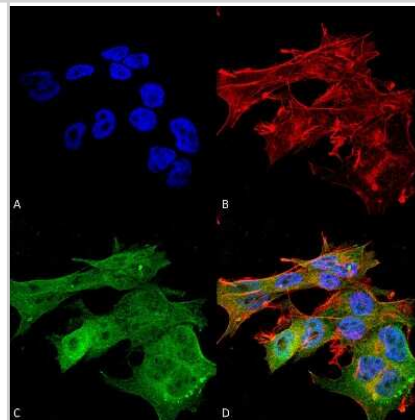
Immunocytochemistry/Immunofluorescence: Versican Antibody (S351-23) [NBP2-22408] - Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-Versican Monoclonal Antibody, Clone S351-23 (NBP2-22408). Tissue: Neuroblastoma cells (SH-SY5Y). Species: Human. Fixation: 4% PFA for 15 min. Primary Antibody: 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)





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Products Related to NBP2-22408

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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