

Anti-Versican antibody (3200-3396) [S2MR] (STJ11103072)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

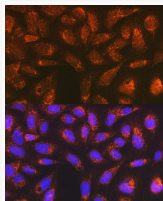
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IHC-P:1:200-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 373kDa Observed Mw: 265kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

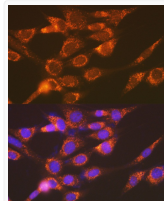
Gene ID	1462
Gene Symbol	VCAN
UniProt ID	CSPG2_HUMAN
Immunogen Region	3200-3396
Immunogen Sequence	QGAHLTSLSHHEEQMFVNRV GHDYQWIGLNDKMFHEDFRW TDGSTLQYENWRPNQPSFF SAGEDCVVIWHENGQWQNDV PCNYHLTYTCKKGTVACGQP PVVENAKTFGKMKPRYEINS LIRYHCKDGGFIQRHLPTIRC LGNGRWAIKPKITCMNPSAYQ RTYSMKYFKNSSSAKDNSIN TSKHDHRWSRRWQESRR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 3200-3396 of human Versican (P13611).

ADDITIONAL INFORMATION

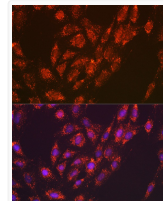
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



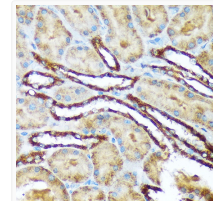
Immunofluorescence analysis of U-2 OS cells using Versican Rabbit monoclonal antibody (STJ11103072) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



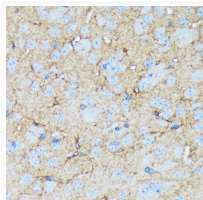
Immunofluorescence analysis of NIH-3T3 cells using Versican Rabbit monoclonal antibody (STJ11103072) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



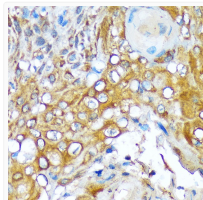
Immunofluorescence analysis of C6 cells using Versican Rabbit monoclonal antibody (STJ11103072) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



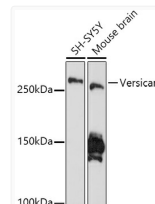
Immunohistochemistry analysis of Versican in paraffin-embedded rat kidney using Versican Rabbit monoclonal antibody (STJ11103072) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Versican in paraffin-embedded mouse brain using Versican Rabbit monoclonal antibody (STJ11103072) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Versican in paraffin-embedded human esophageal cancer using Versican Rabbit monoclonal antibody (STJ11103072) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using Versican Rabbit monoclonal antibody (STJ11103072) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.