

CSPG4 RABBIT PAB

Cat.#: S221052

Product Name: Anti-CSPG4 Rabbit Polyclonal Antibody

Synonyms: NG2; MCSP; MCSPG; MSK16; CSPG4A; HMW-MAA; MEL-CSPG

UNIPROT ID: Q6UVK1 (Gene Accession - NP_001888)

Background: A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells.

Immunogen: Synthetic peptide of human CSPG4

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-100;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

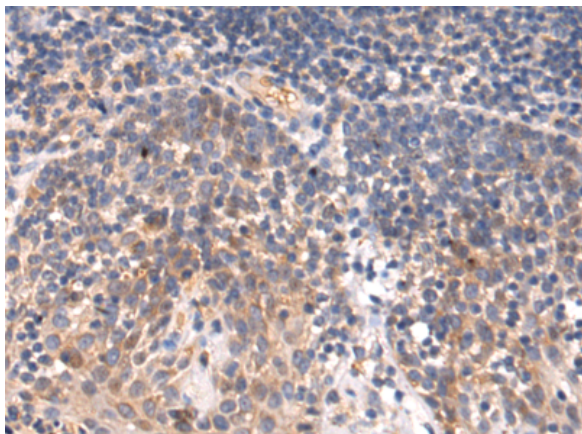
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

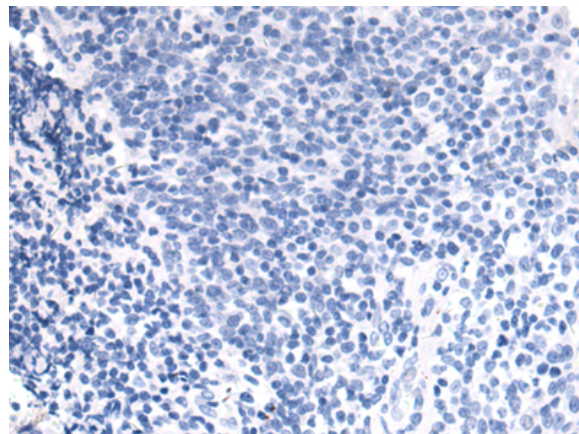
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Neuroscience

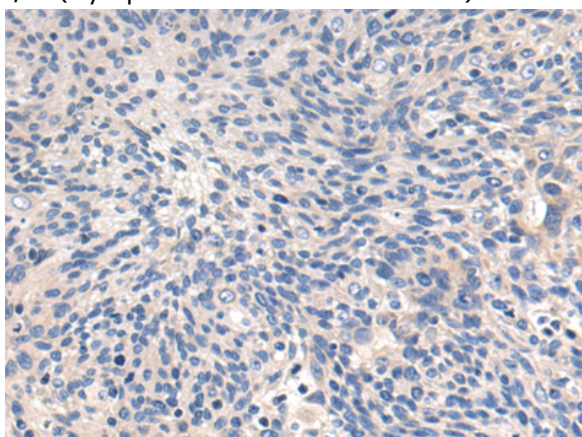
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



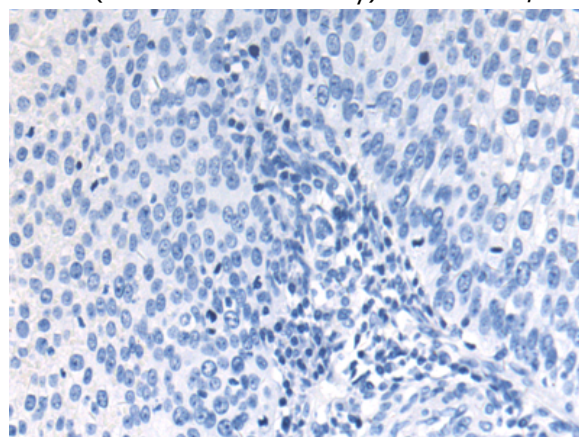
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221052(CSPG4 Antibody) at a dilution of 1/50(Cytoplasm and Cell membrane).



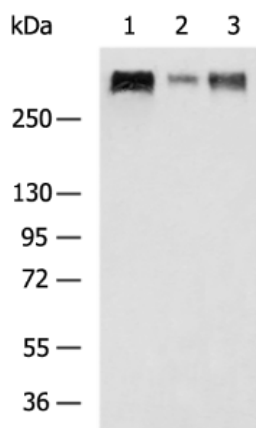
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221052(Anti-CSPG4 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 221052(Anti-CSPG4 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D262413(Anti-CSPG4 Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
 Lane 1-3: Mouse kidney tissue, Mouse lung tissue, Mouse brain tissue lysates;
 Primary antibody: 221052(CSPG4 Antibody) at dilution 1/500;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 5 minutes



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
