

## 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

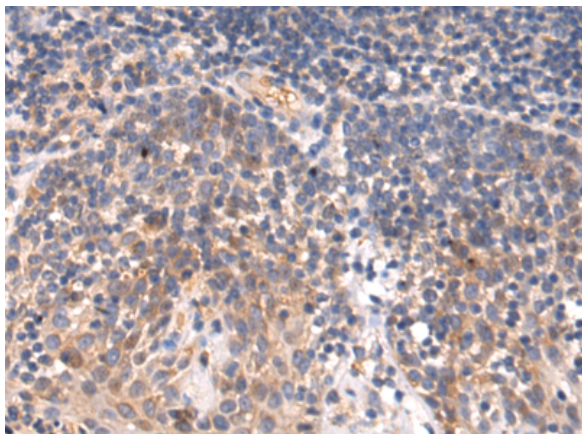
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

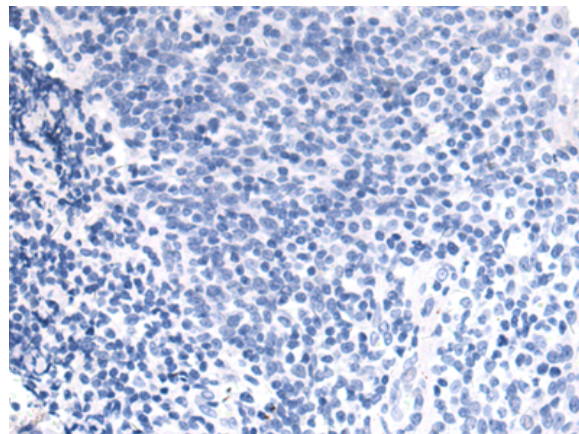
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Neuroscience

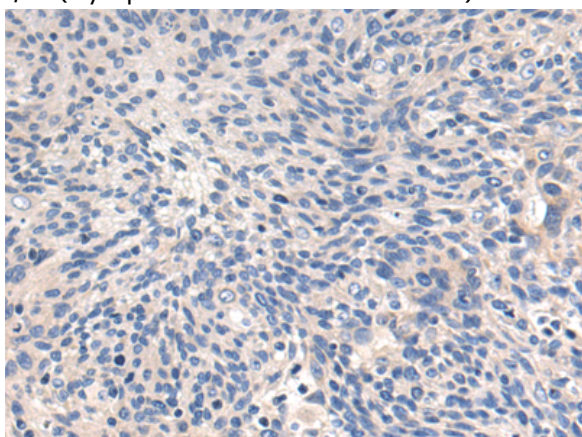
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



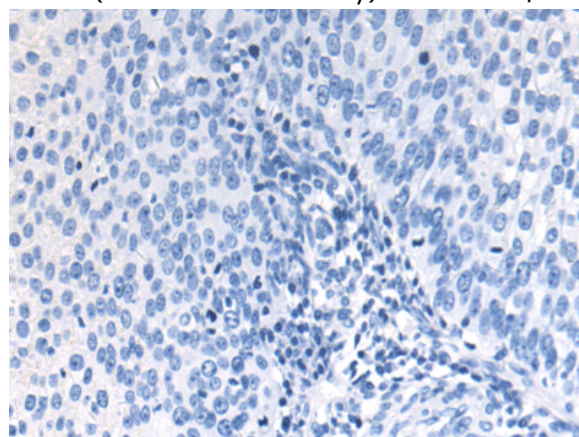
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221052(CSPG4 Antibody) at a dilution of 1/50(Cytoplasm and Cell membrane).



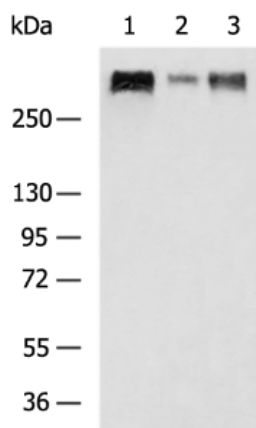
In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221052(Anti-CSPG4 Antibody) at dilution 1/50.



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

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