**Product Datasheet**

# CSPG4 Rabbit mAb

Catalog No: #59290

Package Size: #59290-1 50ul #59290-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

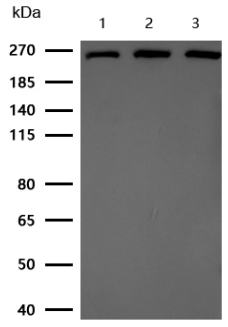
## Description

| | |
|---|---|
| Product Name | CSPG4 Rabbit mAb |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Isotype | Rabbit IgG |
| Purification | Affinity-chromatography |
| Applications | WB;IHC;IF |
| Species Reactivity | Human |
| Immunogen Description | A synthesized peptide derived from human CSPG4 |
| Conjugates | Unconjugated |
| Other Names | NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG |
| Accession No. | Q6UVK1 |
| Calculated MW | 251 kDa |
| SDS-PAGE MW | 251 kDa |
| Formulation | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle. |

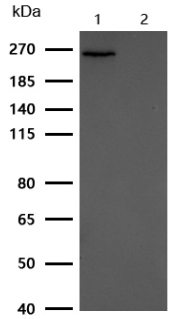
## Application Details

WB 1:1000-1:2000 IHC 1:100-1:200 IF 1:50-1:300

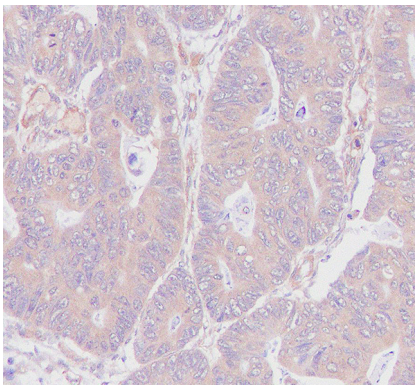
## Images



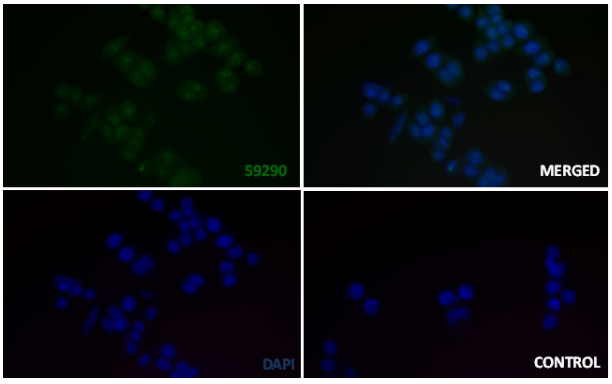

All lanes : CSPG4 Rabbit mAb at 1/1k dilutionLane 1 : A172 whole cell lysates Lane 2 : A375 whole cell lysates Lane 3 : Hela whole cell lysatesLysates/proteins at 20 µg per lane.Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilutionPredicted band size: 251 kDa Observed band size: 251 kDaExposure time: 20 seconds




All lanes : CSPG4 Rabbit mAb at 1/1k dilutionLane 1 : Wild-type Hela cell lysate Lane 2 : CSPG4 knockdown Hela cell lysateLysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human colon carcinom tissue stained for CSPG4 using 59290 at 1/100 dilution in immunohistochemical analysis.




Immunocytochemistry/ Immunofluorescence CSPG4 antibody (59290) 59290 staining CSPG4 in the HeLa cell line by ICC/IF. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 59290 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. The negative control is shown in bottom right hand panel - for the negative control, purified 59290 was used at a dilution of 1/100 followed by Alexa FluorB 647 goat anti- rabbit antibody at a dilution of 1/500. Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.