

## anti- CSPG4,NG2 antibody

### Product Information

Catalog No.:	FNab02025
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

CSPG4, also named as HMW-MAA, MCSP, MCSPG, MEL-CSPG, MSK16 and NG2, is a proteoglycan playing a role in cell proliferation and migration which stimulates endothelial cells motility during microvascular morphogenesis. CSPG4 may inhibit neurite outgrowth and growth cone collapse during axon regeneration. It is cell surface receptor for collagen alpha 2(VI) which may confer cells ability to migrate on that substrate. CSPG4 may regulate MPP16-dependent degradation and invasion of type I collagen participating in melanoma cells invasion properties. It modulates the plasminogen system by enhancing plasminogen activation and inhibiting angiostatin.

### Immunogen information

Immunogen:	chondroitin sulfate proteoglycan 4
Synonyms:	CSPG4, HMW MAA, MCSP, MCSPG, MEL CSPG, MSK16, NG2
Observed MW:	240-250 kDa
UniprotID :	Q6UVK1

### Application

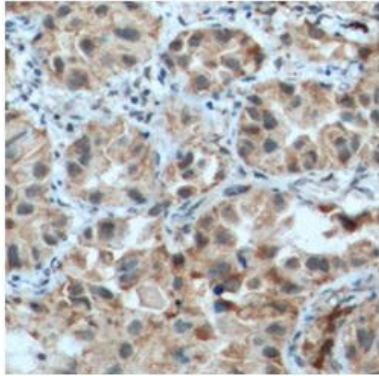
#### Wuhan Fine Biotech Co., Ltd.

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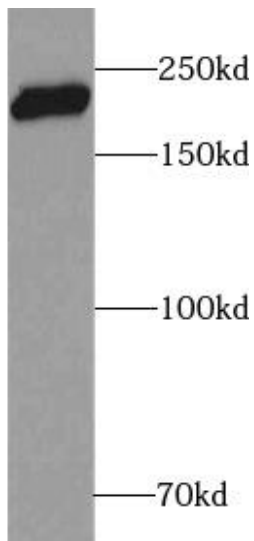
Tel : (0086)027-87384275

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Reactivity: Human, Mouse, Rat  
Tested Application: ELISA, WB, IHC  
Recommended dilution: WB: 1:500-1:5000; IHC: 1:50-1:500  
Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab02025(CSPG4,NG2 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



A375 cells were subjected to SDS PAGE followed by western blot with FNab02025(CSPG4,NG2 antibody) at dilution of 1:300

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