

## Neuropilin 1 Rabbit monoclonal antibody

Catalog: BS40088

Host: Rabbit

Reactivity: Human Mouse Rat

### BackGround:

The membrane-bound isoform 1 is a receptor involved in the development of the cardiovascular system, in angiogenesis, in the formation of certain neuronal circuits and in organogenesis outside the nervous system. It mediates the chemorepulsant activity of semaphorins. It binds to semaphorin 3A, The PLGF-2 isoform of PGF, The VEGF-165 isoform of VEGF and VEGF-B. Coexpression with KDR results in increased VEGF-165 binding to KDR as well as increased chemotaxis. It may regulate VEGF-induced angiogenesis. The soluble isoform 2 binds VEGF-165 and appears to inhibit its binding to cells.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

~ 120 kDa

### Swiss-Prot:

O14786

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200  
IP 1:50 FC 1:50

### Storage&Stability:

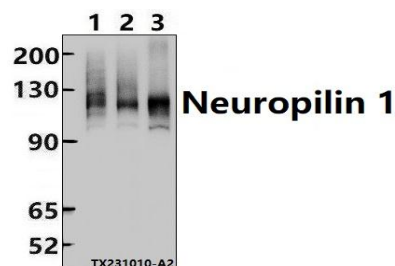
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Neuropilin 1 Antibody detects endogenous levels of to-

tal Neuropilin 1

### DATA:

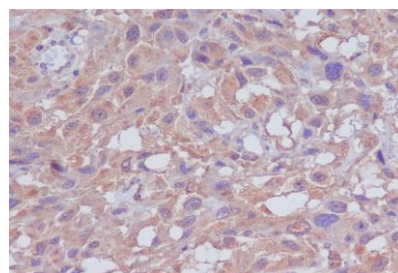


Western blot (WB) analysis of Neuropilin 1 Rabbit monoclonal antibody at 1:500 dilution

Lane1:PC12 whole cell lysate(30ug)

Lane2:3T3-L1 whole cell lysate(30ug)

Lane3:A549 whole cell lysate(30ug)



Immunohistochemical analysis of paraffin-embedded human melanoma, using Neuropilin 1 Antibody .

### Note:

For research use only, not for use in diagnostic procedure.

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