

Anti-NRP1 Antibody (2L415)

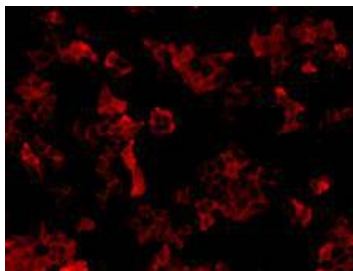
Product Details

Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 103 kDa.
Clone:	2L415
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis on recombinant protein using anti-Neuropilin 1 Mouse mAb.
2. Immunohistochemical analysis of paraffin- embedded mouse brain tissue using anti-Neuropilin 1 Mouse mAb.
3. Immunofluorescent staining of Hela cells using anti-Neuropilin 1 Mouse mAb.



Application:	ICC,IHC,WB
Recommended	WB: 1:1000-10000; IHC: 1:50; ICC: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: O14786

Synonyms: neuropilin 1;CD304;BDCA4;NRP;Neuropilin-1;VEGF165R;NP1

Research 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 VEGF165 isoform of VEGFA and VEGFB. Coexpression with KDR results in increased VEGF165 binding to KDR as well as increased chemotaxis. Regulate VEGF-induced angiogenesis. Binding to VEGFA initiates a signaling pathway needed for motor neuron axon guidance and cell body migration, including for the caudal migration of facial motor neurons from rhombomere 4 to rhombomere 6 during embryonic development.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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