

## Neuropilin-1 monoclonal antibody

Catalog: MB21985

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes one of two neuropilins, which contain specific protein domains which allow them to participate in several different types of signaling pathways that control cell migration. Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding, coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands and co-receptors bound by neuropilins are vascular endothelial growth factor (VEGF) and semaphorin family members. Several alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.<br />

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

103.1kDa

### Swiss-Prot:

O14786

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000    FC:1/200 - 1/400

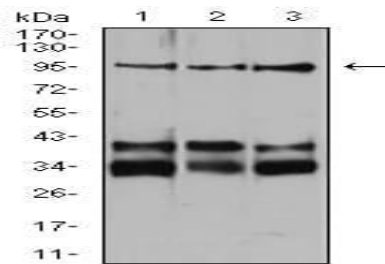
### Storage&Stability:

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

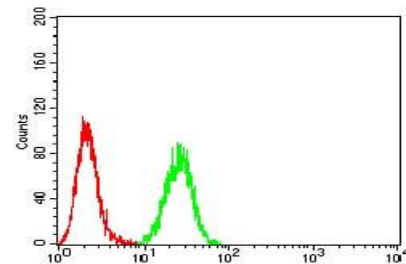
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using Neuropilin-1 mouse mAb against Jurkat (1), HeLa (2), and HUVEC (3) cell lysate.



Flow cytometric analysis of HeLa cells using Neuropilin-1 mouse mAb (green) and negative control (red).

### Note:

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

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