

## Recombinant Neuropilin 1 Monoclonal Antibody

catalog number: **AN301067L**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

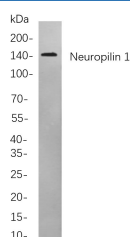
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human Neuropilin 1 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG, $\kappa$
<b>Clone</b>	B822
<b>Purification</b>	Protein A
<b>Buffer</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications Recommended Dilution

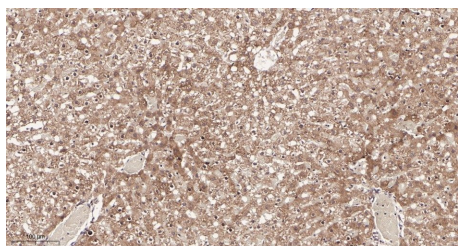
<b>IHC</b>	1:200-1000
<b>WB</b>	1:1000-5000
<b>IF</b>	1:200-1000
<b>ELISA</b>	1:5000-20000
<b>IP</b>	1:50-200

### Data

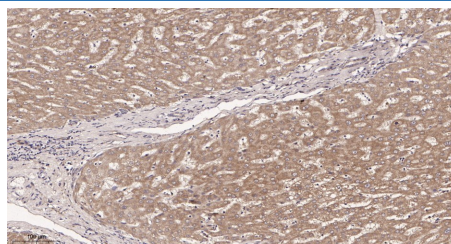


Western Blot with Recombinant Neuropilin 1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse lung cells.

**Observed-MW:135 kDa**  
**Calculated-MW:103 kDa**



Immunohistochemistry of paraffin-embedded rat liver tissue using Recombinant Neuropilin 1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human liver tissue using Recombinant Neuropilin 1 Monoclonal Antibody at dilution of 1:200.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

#### For Research Use Only

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.