À des fins de recherche uniquement

# Anticorps Monoclonal anti-Neuropilin 1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:60067-1-Ig 16 Publications

## Informations de base

Numéro de catalogue:
60067-1-Ig

Taille:
150ul , Concentration: 1300 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG0931

Numéro d'acquisition GenBank:
BC007737

Identification du gène (NCBI):
8829

Nom complet:
neuropilin 1

MW calculé
103 kDa

MW observés:
130 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
2H3F6

Dilutions recommandées:
WB 1:1000-1:6000
IF 1:50-1:500

## Applications

Applications testées:
FC, IF, WB, ELISA

Demandes citées:
CoIP, IF, IP, WB

Spécificité de l'espèce:
Humain, Lapin, porc

Espèces citées:
Humain, souris, xénope

Contrôles positifs:

WB : tissu placentaire humain, cellules A549, cellules HeLa, cellules MDA-MB-231, plasma humain, tissu cardiaque de lapin, tissu cardiaque de porc, tissu cérébral de porc, tissu cérébral humain fœtal

IF : cellules SH-SY5Y, cellules souches embryonnaires humaines

## Informations générales

Neuropilin-1 (NRP1) is a 130-140 kDa transmembrane glycoprotein expressed by endothelial, dendritic, and regulatory T cells, as well as several other normal cell types and malignant tumor cells. NRP1 was first identified as a semaphorin (SEMA) receptor, involved in axonal guidance in embryonic development. NRP1 was also shown to act as a receptor for vascular endothelial growth factor (VEGF) and a promoter of angiogenesis through its interaction with VEGF-A165 (and other VEGFs) and the receptor tyrosine kinase (RTK) VEGF-R2. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.

## Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---|---|---|---|
| Chunxi Liu | 25204970 | Mol Cell Biochem | WB |
| Emmanuel Laplantine | 36093378 | iScience | WB |
| Max Koppers | 31746735 | Elife | IF |

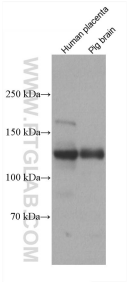
## Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

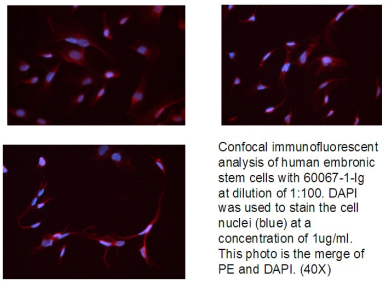
***** Les 20ul contiennent 0,1% de BSA.**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

## Données de validation sélectionnées

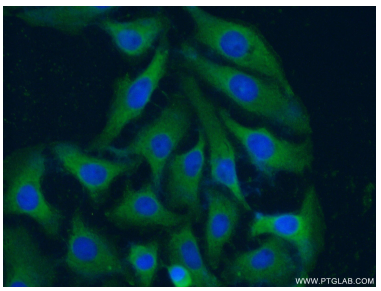



Various lysates were subjected to SDS PAGE followed by western blot with 60067-1-Ig (Neuropilin 1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.

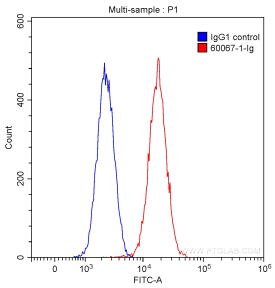


Confocal immunofluorescent analysis of human embronic stem cells with 60067-1-Ig at dilution of 1:100. DAPI was used to stain the cell nuclei (blue) at a concentration of 1ug/ml. This photo is the merge of PE and DAPI. (40X)

Confocal immunofluorescent analysis of human embronic stem cells with 60067-1-Ig at dilution of 1:100. DAPI was used to stain the cell nuclei (blue) at a concentration of 1ug/ml. This photo is the merge of PE and DAPI. (40X).




Immunofluorescent analysis of (-20°C Ethanol ) fixed SH-SY5Y cells using 60067-1-Ig(Neuropilin 1 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).




1X10^6 SH-SY5Y cells were stained with 0.20 ug/test Anti-Human Neuropilin 1 (60067-1-Ig, Clone:2H3F6) (red) or 0.20 ug control antibody (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Fixed with90% MeOH.