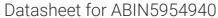
antibodies -online.com





Neuropilin 1 Protein (NRP1) (AA 22-856) (Fc Tag)

2 Images



Go to Product page

Overview

Quantity:	100 μg
Target:	Neuropilin 1 (NRP1)
Protein Characteristics:	AA 22-856
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Neuropilin 1 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 22-856
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per μg by the LAL method.

Target Details

Target:	Neuropilin 1 (NRP1)
Alternative Name:	Neuropilin-1 (NRP1 Products)
Background:	Neuropilin-1 (NRP1) is also known as Vascular endothelial cell growth factor 165 receptor (VEGF165R), CD antigen CD304, which belongs to the neuropilin family. 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.

Cell Migration, Platelet-derived growth Factor Receptor Signaling, VEGFR1 Specific Signals

Molecular Weight:	120.5 kDa
NCBI Accession:	NP_032763
Pathways:	Regulation of Cell Size, Signaling Events mediated by VEGFR1 and VEGFR2, Smooth Muscle

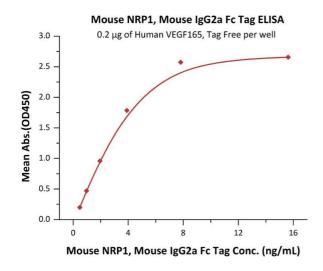
Application Details

|--|

Handling

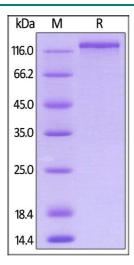
Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human VEGF165, Tag Free (ABIN2181903,ABIN2693608,ABIN3071747) at $2 \mu g/mL$ (100 $\mu L/well$) can bind Mouse NRP1, Mouse IgG2a Fc Tag (ABIN5954940,ABIN6809981) with a linear range of 0.5-4 ng/mL (QC tested).



SDS-PAGE

Image 2. Mouse NRP1, Mouse IgG2a Fc Tag, low endotoxin on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 %.