9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

12-90497: Anti-NRP1 antibody(1F11), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1F11
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	NRP1
Uniprot ID :	O14786
Alternative Name :	Neuropilin-1, CD304
Isotype :	Rabbit IgG

Description

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. This protein has also been determined to act as a co-receptor for SARS-CoV-2 (which causes COVID-19) to infect host cells. [provided by RefSeq, Nov 2020]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Application Note

Flow Cyt 1/100

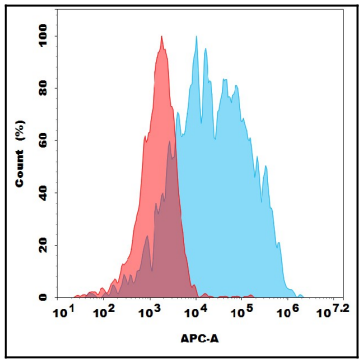

Figure 1. Flow cytometry analysis with 2µg/mL Anti-NRP1 (1F11) mAb on HEK293 cells transfected with human NRP1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).