Cat. No. DME101295



## **PRODUCT INFORMATION**

Clone ID 1F11 NRP1 **Target** 

**Synonyms** Neuropilin-1, CD304

**Host Species** Rabbit

Description Anti-NRP1 antibody(1F11), Rabbit mAb

**Delivery** In Stock **Uniprot ID** 014786 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

**Background** 

Flow Cyt 1/100 **Dilutions** 

Purified from cell culture supernatant by affinity Purification

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

Storage & Shipping intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). 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 coreceptor for SARS-CoV-2 (which causes COVID-19) to infect host cells. [provided by RefSeq, Nov

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Usage Research use only Conjugate Unconjugated



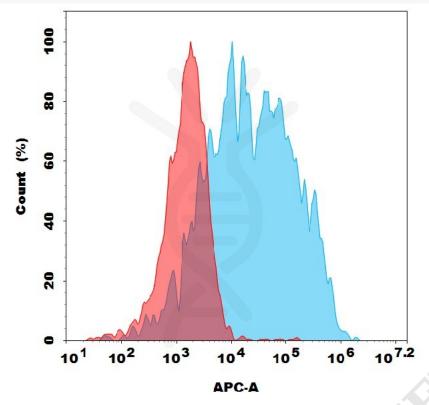


Figure 1. Flow cytometry analysis with  $2\mu g/mL$  Anti-NRP1 (1F11) mAb on HEK293 cells transfected with human NRP1 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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