

Mouse Monoclonal Antibody to Neuropilin-1

Catalogue Number	sAP-1162
Target Molecule	<p>Name: Neuropilin-1</p> <p>Aliases: NRP1; NP1; NRP; BDCA4; CD304; VEGF165R</p> <p>MW: 103.1kDa</p> <p>Entrez Gene ID: 8829</p>
Description	<p>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.;</p>
Immunogen	Synthesized peptide of human Neuropilin-1 (AA: 45-59).
Recitative Species	Human;
Clone	MM5B1E11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Leuk Res. 2012 Feb;36(2):169-73. ; 2.Blood. 2011 Jan 20;117(3):920-7.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**