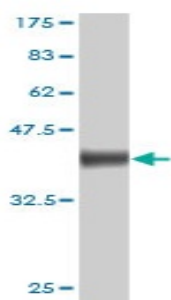


## Mouse monoclonal antibody to human Neuropilin-1 [1B3]: IgG

<b>Catalogue No.:</b>	M-878-100
<b>Description:</b>	The antibody is made against the membrane-bound isoform 1 of Neuropilin-1. It 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 binds both vascular endothelial growth factor (VEGF) and semaphorin family members. Isoform 1 is expressed by blood vessels of different tissues. In the developing embryo it is predominantly found in the nervous system. In adult tissues, it is highly expressed in heart and placenta, moderately expressed in lung, liver and skeletal muscle, kidney and pancreas, and low in adult brain.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Partial recombinant human Neuropilin-1 (22-131) with a GST tag.
<b>Isotype:</b>	IgG2a Kappa
<b>Clone:</b>	1B3
<b>Other Names:</b>	Vascular endothelial cell growth factor 165 receptor; CD304 antigen; NRP1; NRP; VEGF165R
<b>Accession:</b>	NRP1_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB, and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and direct ELISA against the antigen.
<b>Cross-reactivity:</b>	Human. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.4
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Western blot detection of GST tagged recombinant human Neuropilin-1.  
Note the GST tag alone is 26 kDa.

FOR RESEARCH USE ONLY