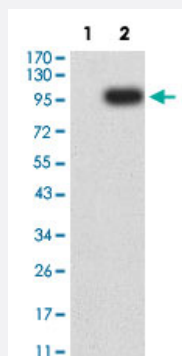


NRP1 monoclonal antibody, clone 5H11G6

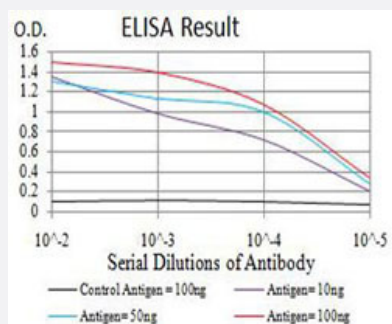
Catalog # MAB17925 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: NRP1-hlgGf transfected HEK293 cell lysates with NRP1 monoclonal antibody, clone 5H11G6 (Cat # MAB17925).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with NRP1 monoclonal antibody, clone 5H11G6 (Cat # MAB17925).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human NRP1.
Immunogen	Recombinant protein corresponding to amino acids 22-644 of human NRP1.
Host	Mouse
Theoretical MW (kDa)	103.1
Reactivity	Human
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: NRP1-hlgFc transfected HEK293 cell lysates with NRP1 monoclonal antibody, clone 5H11G6 (Cat # MAB17925).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with NRP1 monoclonal antibody, clone 5H11G6 (Cat # MAB17925).

Gene Info — NRP1

Entrez GeneID	8829
Protein Accession#	Q14786
Gene Name	NRP1
Gene Alias	BDCA4, CD304, DKFZp686A03134, DKFZp781F1414, NP1, NRP, VEGF165R
Gene Description	neuropilin 1
Omim ID	602069
Gene Ontology	Hyperlink
Gene Summary	NRP1 is a membrane-bound coreceptor to a tyrosine kinase receptor for both vascular endothelial growth factor (VEGF; MIM 192240) and semaphorin (see SEMA3A; MIM 603961) family members. NRP1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.[supplied by OMIM]
Other Designations	OTTHUMP00000020818 OTTHUMP00000020820 OTTHUMP00000020821 neuropilin-1 transmembrane receptor

Pathway

- [Axon guidance](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer Disease](#)
- [Anoxia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Diabetes Mellitus](#)
- [Dominance](#)
- [Esophageal Neoplasms](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hot Flashes](#)
- [Kidney Failure](#)
- [Lymphatic Metastasis](#)
- [Mental Disorders](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Recurrence](#)
- [Neovascularization](#)
- [Osteonecrosis](#)
- [Schizophrenia](#)

- [Varicose Ulcer](#)