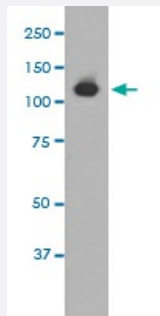


NRP1 monoclonal antibody, clone BGO-14

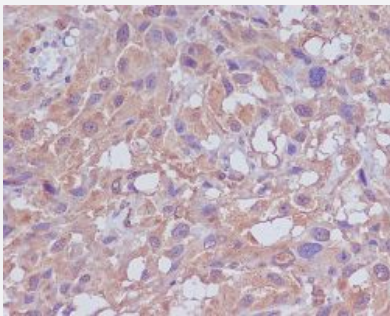
Catalog # MAB20236 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of mouse heart lysate with NRP1 monoclonal antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human melanoma with NRP1 monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human NRP1.
Immunogen	A synthetic peptide corresponding to human NRP1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of mouse heart lysate with NRP1 monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded human melanoma with NRP1 monoclonal antibody.

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

- Flow Cytometry

Gene Info — NRP1

Entrez GeneID	8829
Protein Accession#	O14786
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](#)