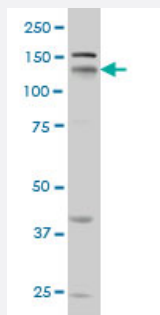


NRP1 monoclonal antibody (M05), clone 1B3

Catalog # H00008829-M05

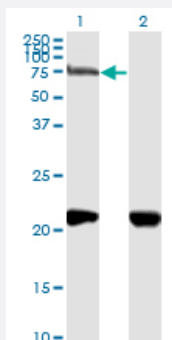
Size 100 ug

Applications



Western Blot (Cell lysate)

NRP1 monoclonal antibody (M05), clone 1B3 Western Blot analysis of NRP1 expression in HeLa (Cat # L013V1).

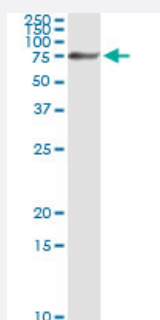


Western Blot (Transfected lysate)

Western Blot analysis of NRP1 expression in transfected 293T cell line by NRP1 monoclonal antibody (M05), clone 1B3.

Lane 1: NRP1 transfected lysate(68.3 KDa).

Lane 2: Non-transfected lysate.

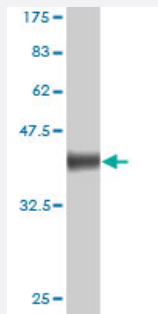
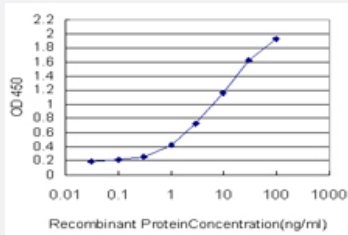


Immunoprecipitation

Immunoprecipitation of NRP1 transfected lysate using anti-NRP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NRP1 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NRP1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (38.21 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NRP1.
Immunogen	NRP1 (NP_003864, 22 a.a. ~ 131 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FRNDKCGDTIKIESPGYLTSPGYPHSYHPSEKCEWLIQAPDPYQRIMINFNPHFDLED RDCKYDYV EVFDGENENGHFRGKFCGKIAPPPVSSGPFLFIKFVSDYETHG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

NRP1 monoclonal antibody (M05), clone 1B3 Western Blot analysis of NRP1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NRP1 expression in transfected 293T cell line by NRP1 monoclonal antibody (M05), clone 1B3.

Lane 1: NRP1 transfected lysate(68.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of NRP1 transfected lysate using anti-NRP1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with NRP1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NRP1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NRP1

Entrez GeneID	8829
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GeneBank Accession#	NM_003873
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Protein Accession#	NP_003864
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Gene Name	NRP1
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Gene Alias	BDCA4, CD304, DKFZp686A03134, DKFZp781F1414, NP1, NRP, VEGF165R
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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

Publication Reference

- [Adjuvant effects of formalin-inactivated HSV through activation of dendritic cells and inactivation of myeloid-derived suppressor cells in cancer immunotherapy.](#)

Ohkusu-Tsukada K, Ohta S, Kawakami Y, Toda M.

International Journal of Cancer 2011 Jan; 128(1):119.

Application: WB, Mouse, Mouse B cells

- [EXTRACELLULAR AND MEMBRANE-ASSOCIATED PROSTATE CANCER MARKERS.](#)

George G. Klee, George Vasmatazis, Farhad Kosari, Eric W. Klee

United States Patent Application Publication 2010 Feb; [Epub].

Application: Array, Mammal, Prostate cancer

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](#)
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